

FIG. 1

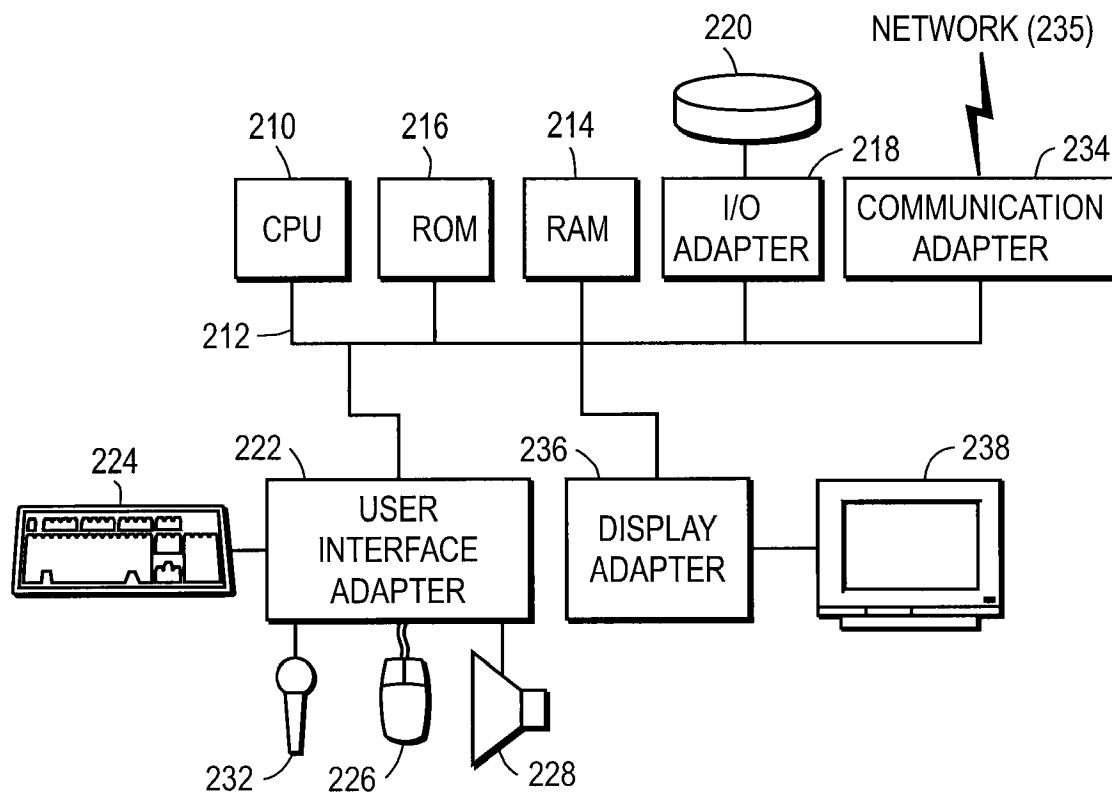


FIG. 2

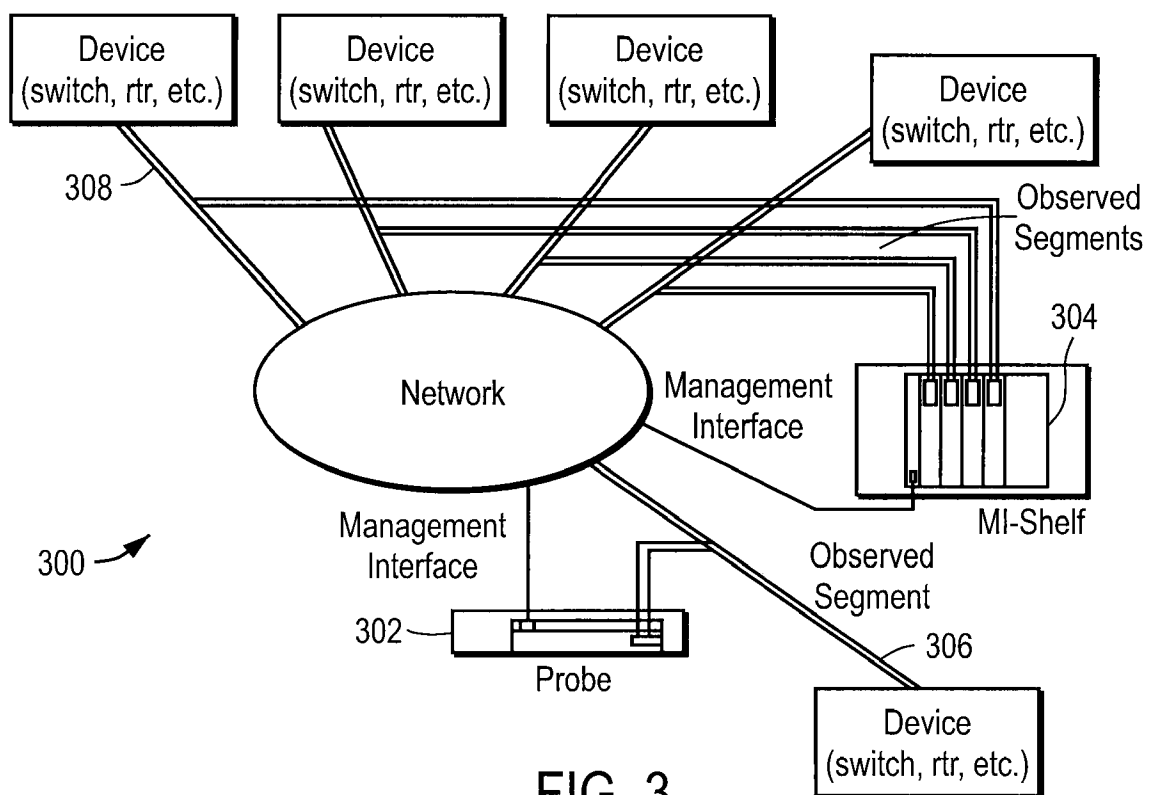


FIG. 3

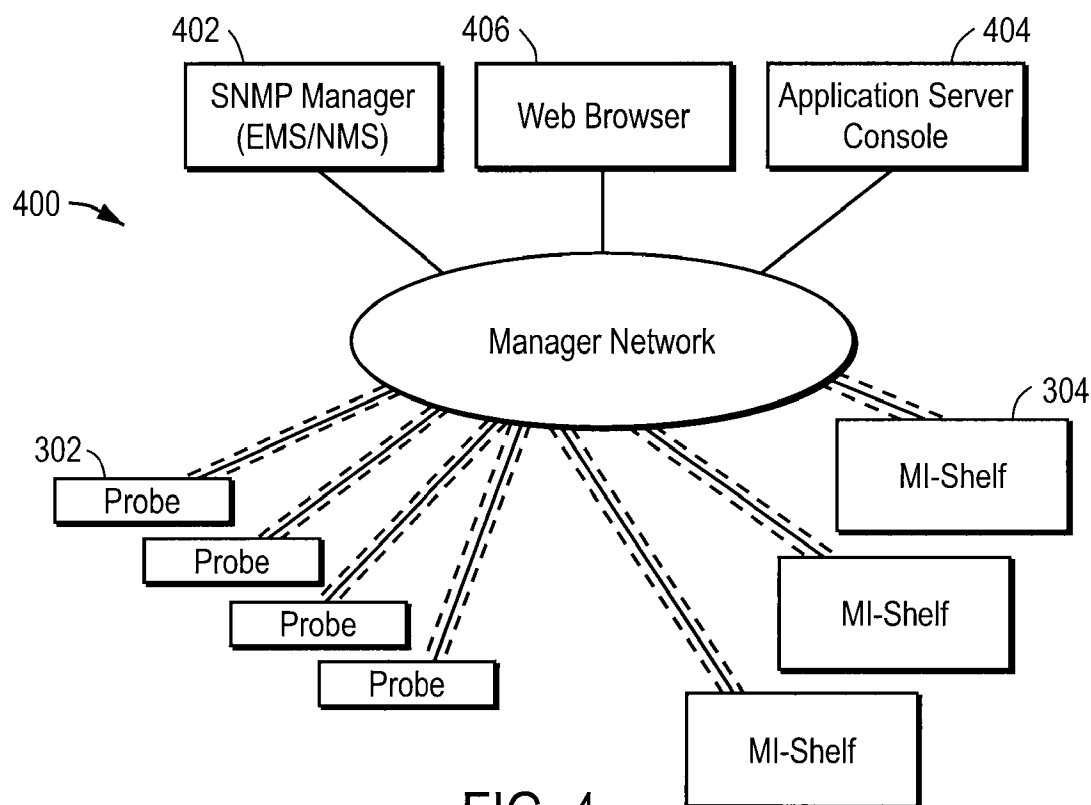


FIG. 4

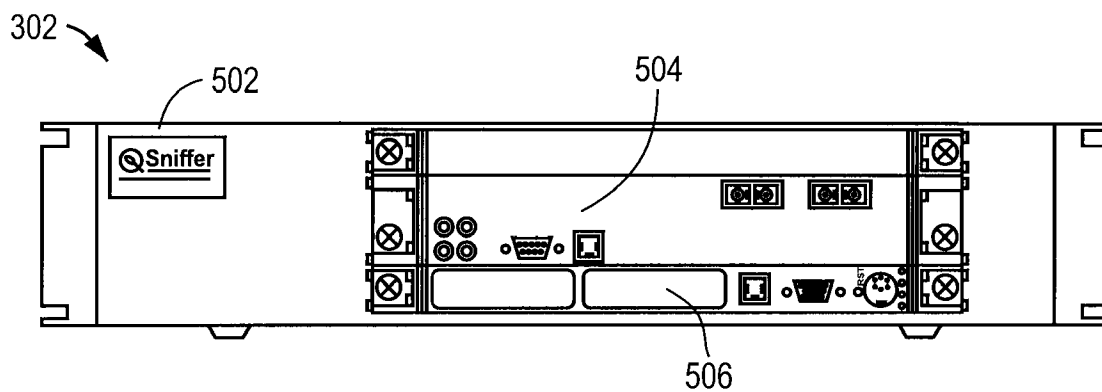


FIG. 5

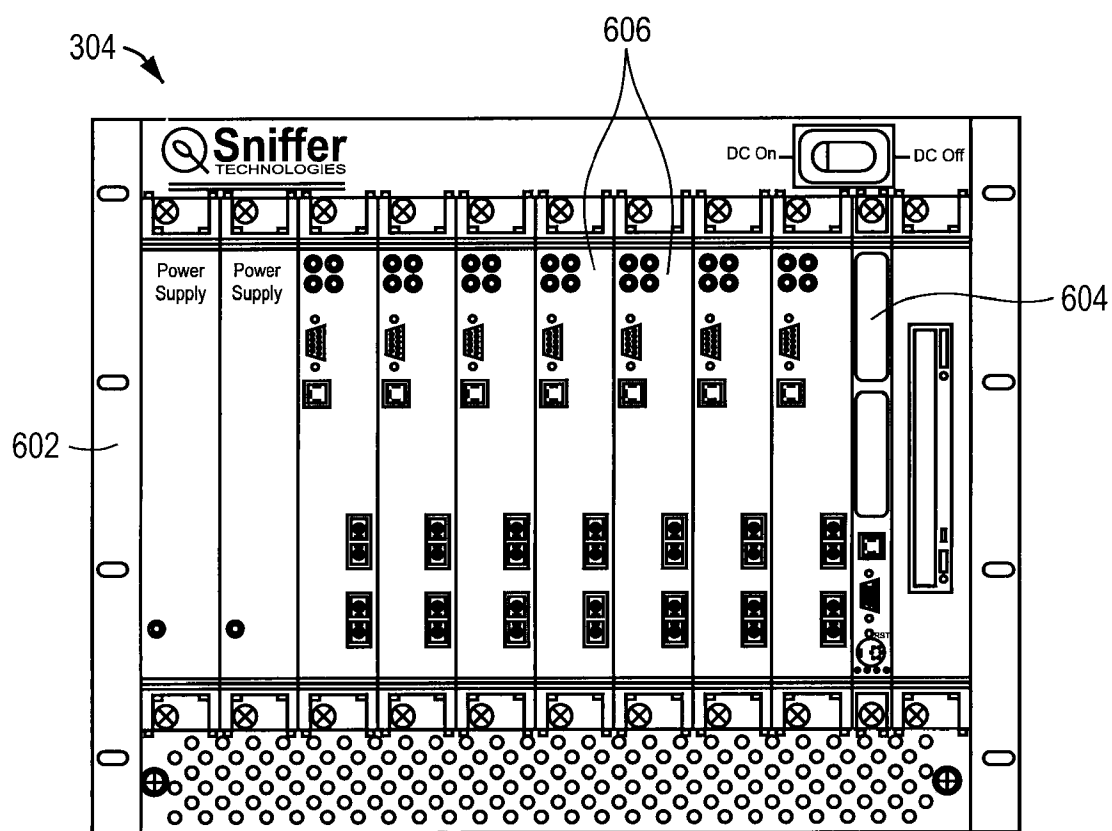


FIG. 6

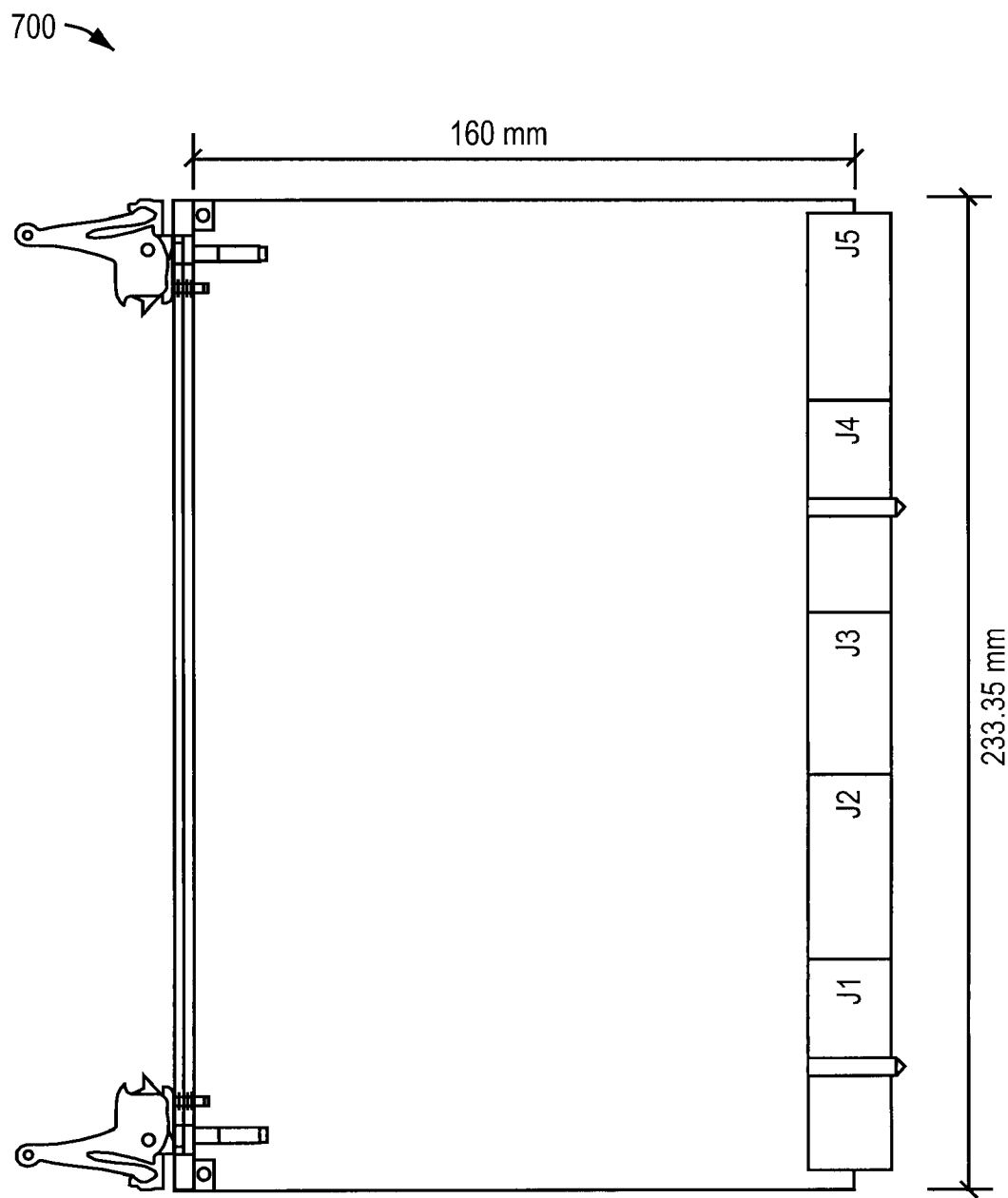


FIG. 7

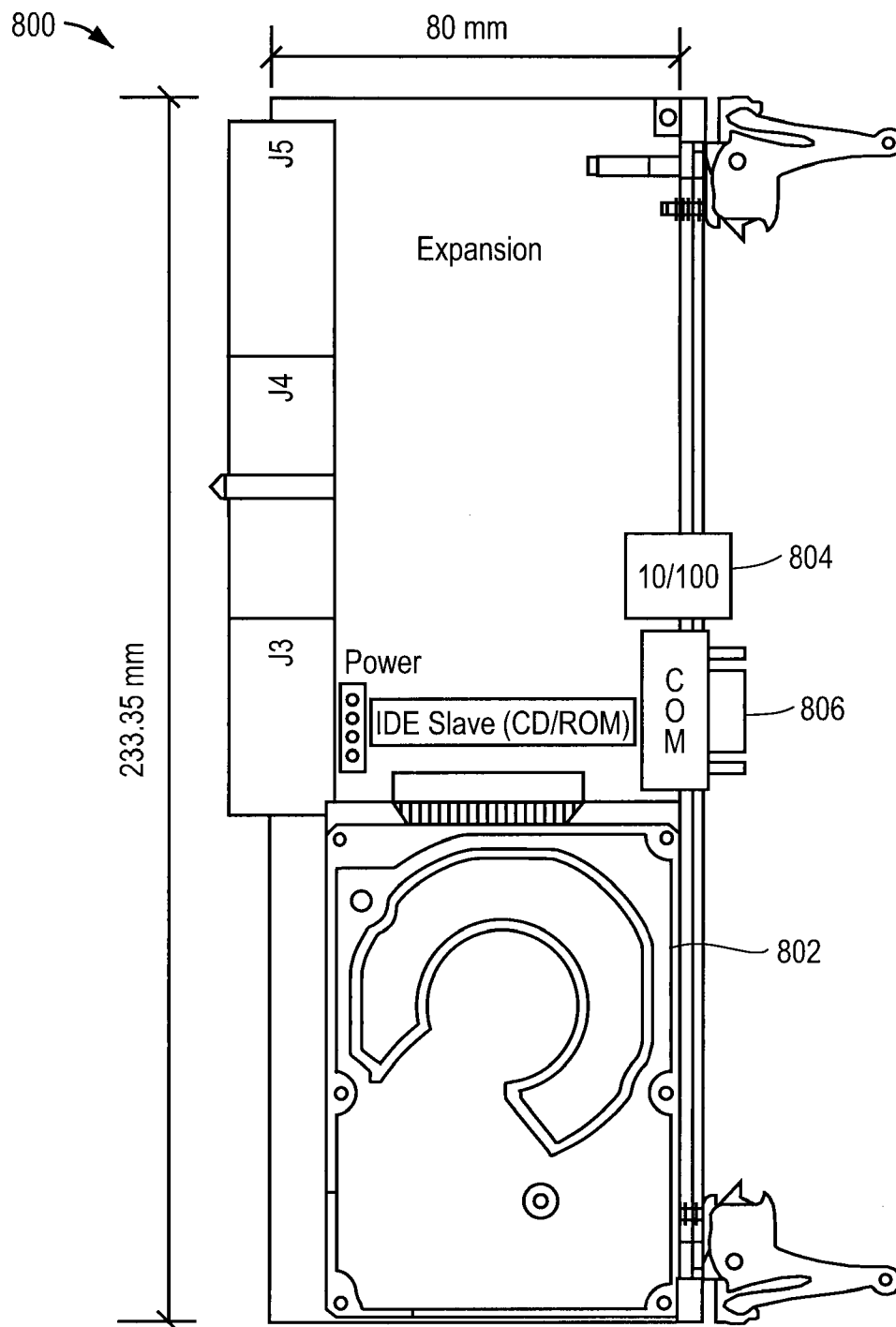


FIG. 8

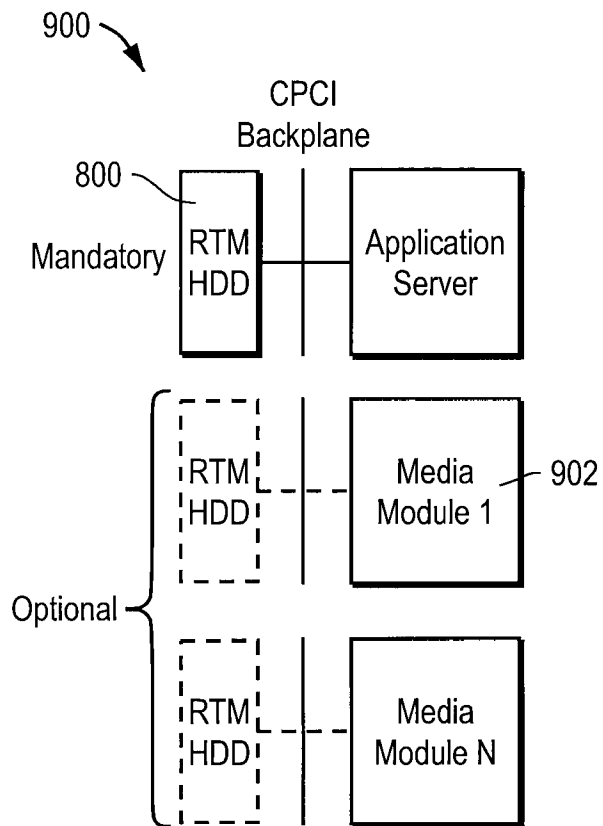


FIG. 9A

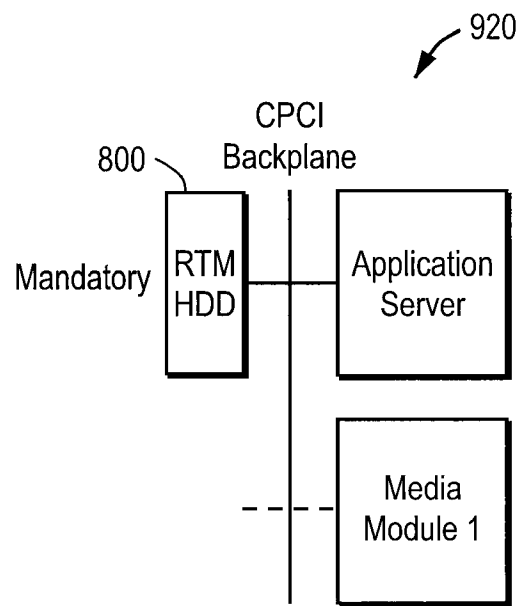


FIG. 9B

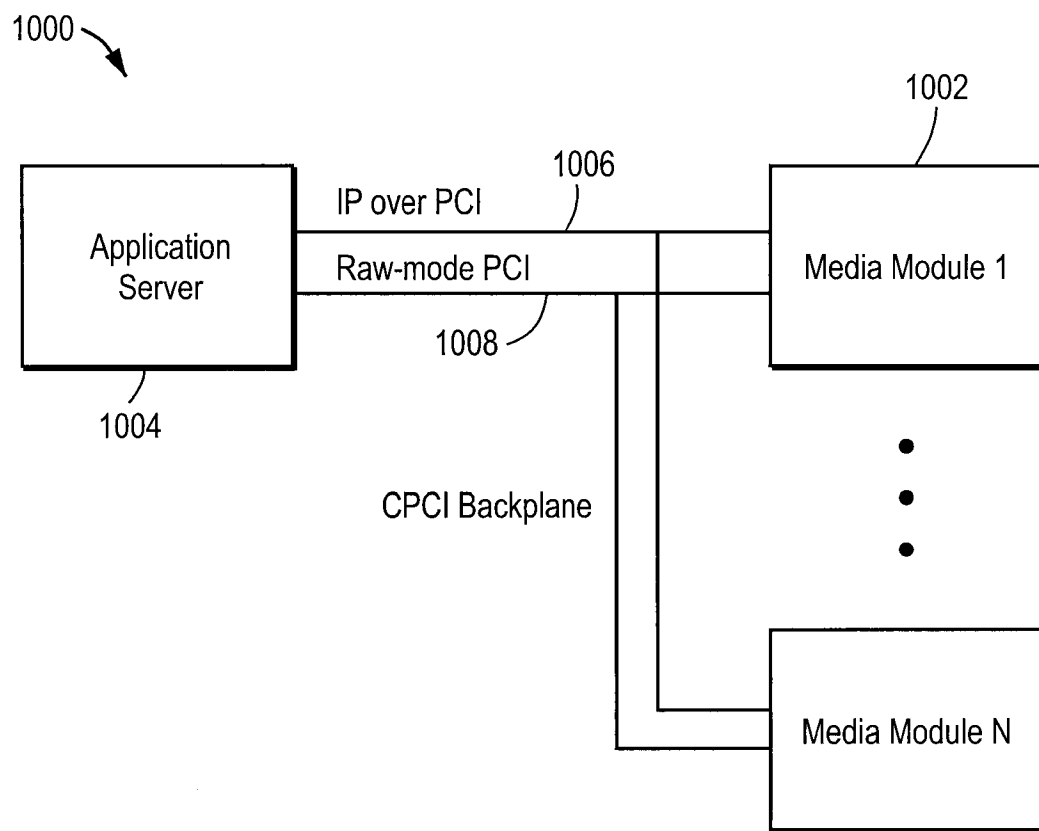


FIG. 10

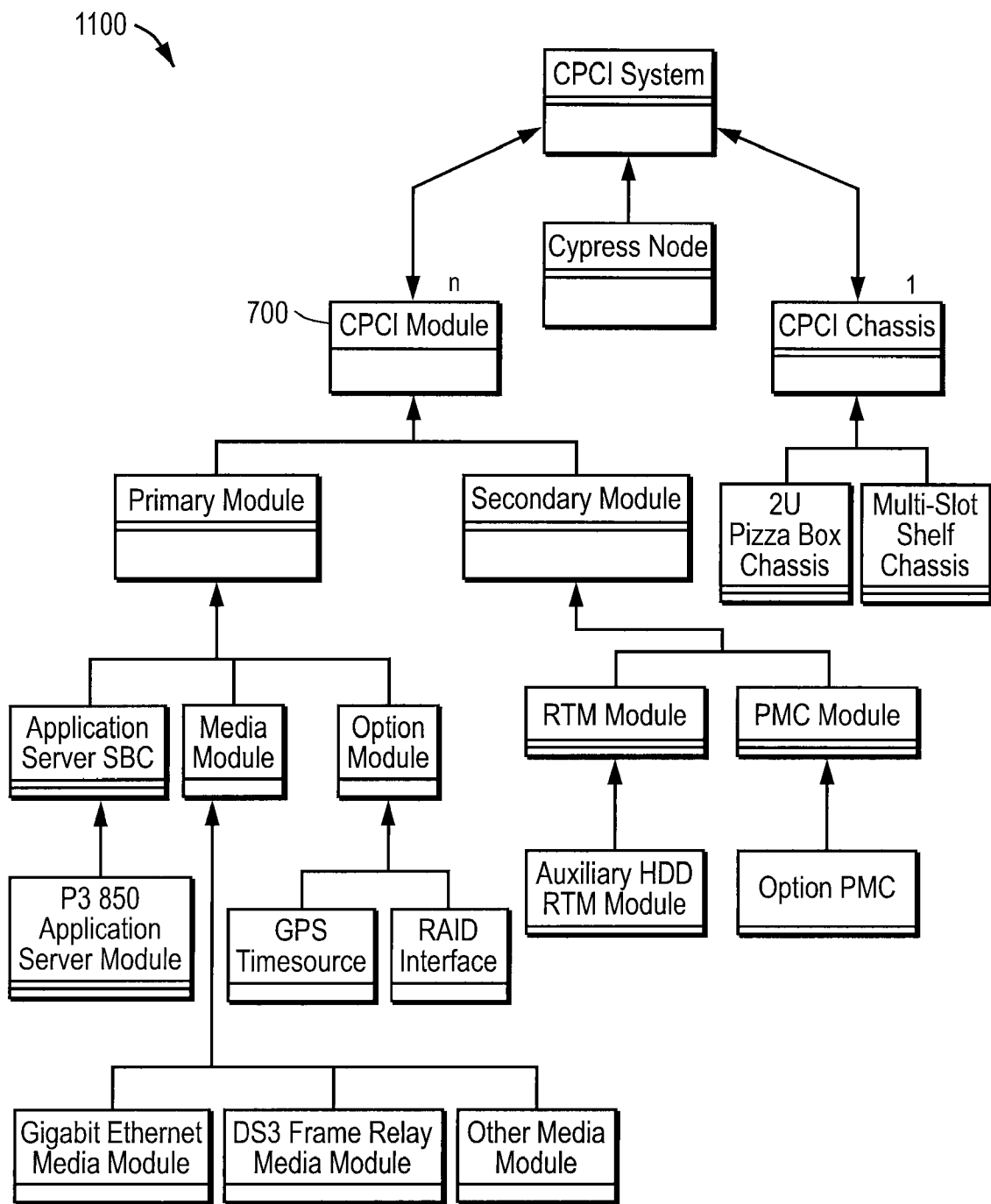


FIG. 11

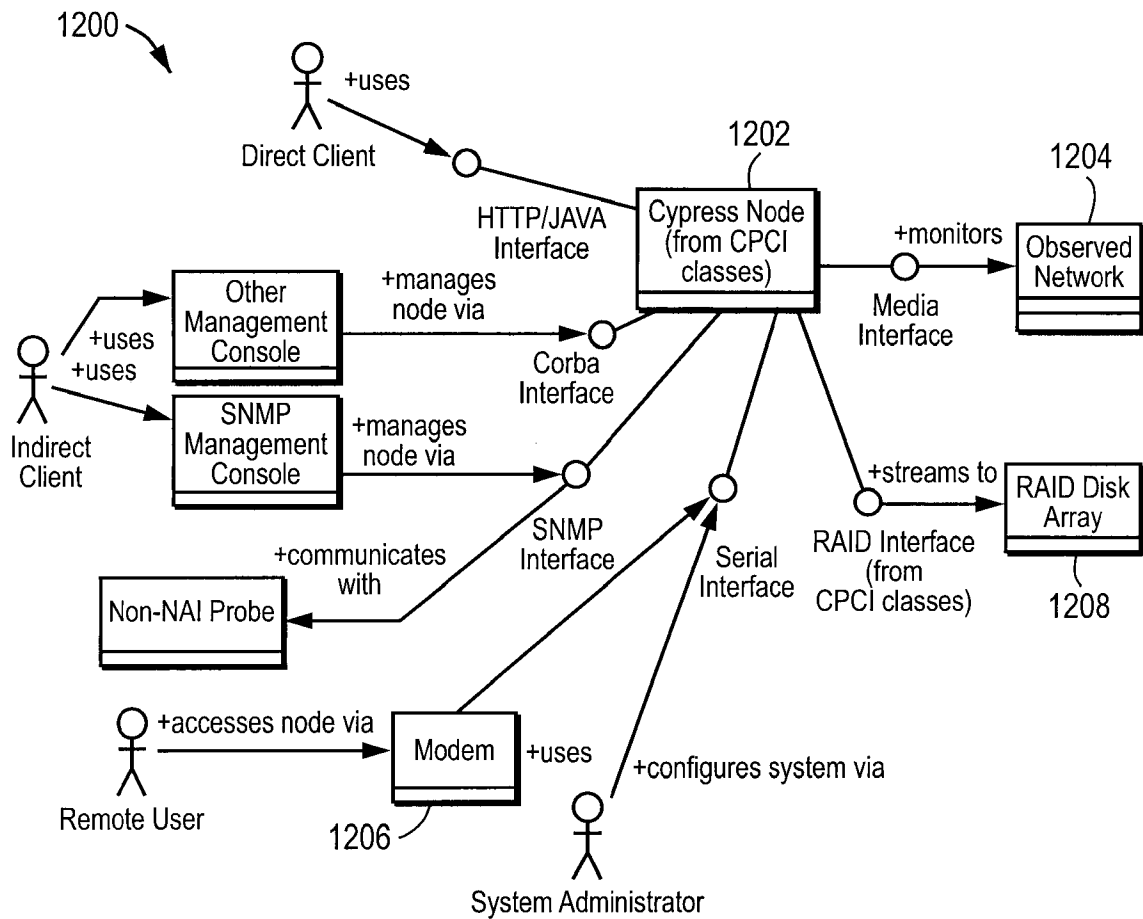


FIG. 12

1300

User Class	Operations Allowed
Network Administrators	System turn-up & configuration, add users, etc.
Business Users (CIO)	View reports, trends, accounting info, etc.
Security Managers	Access users e-mail, web activity, policies, etc.
Network Planners	Access to capacity, trend, load & distribution info.
Network Managers	General access to all but security related
Network Technicians	Access to diagnostics, alarms, trace files, etc.

FIG. 13

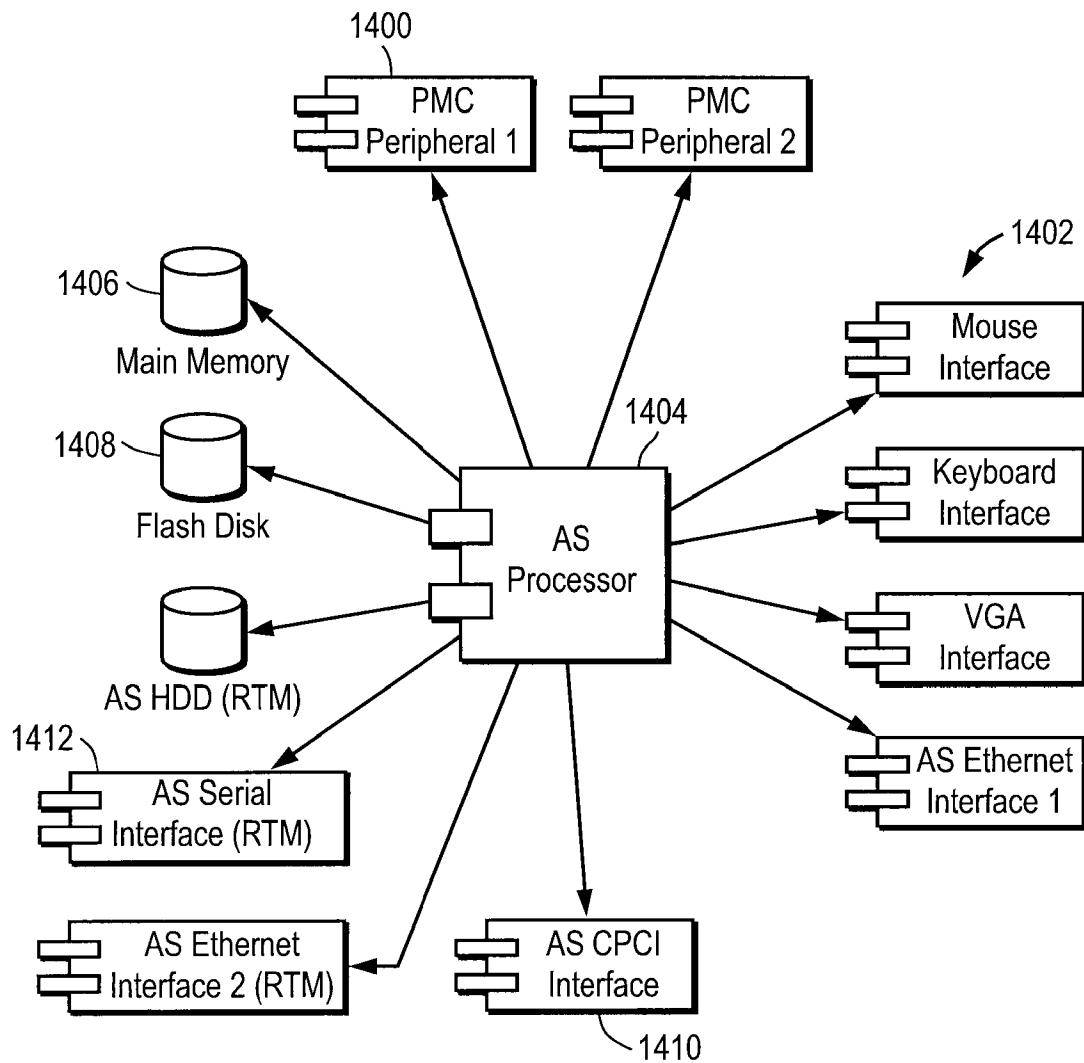


FIG. 14

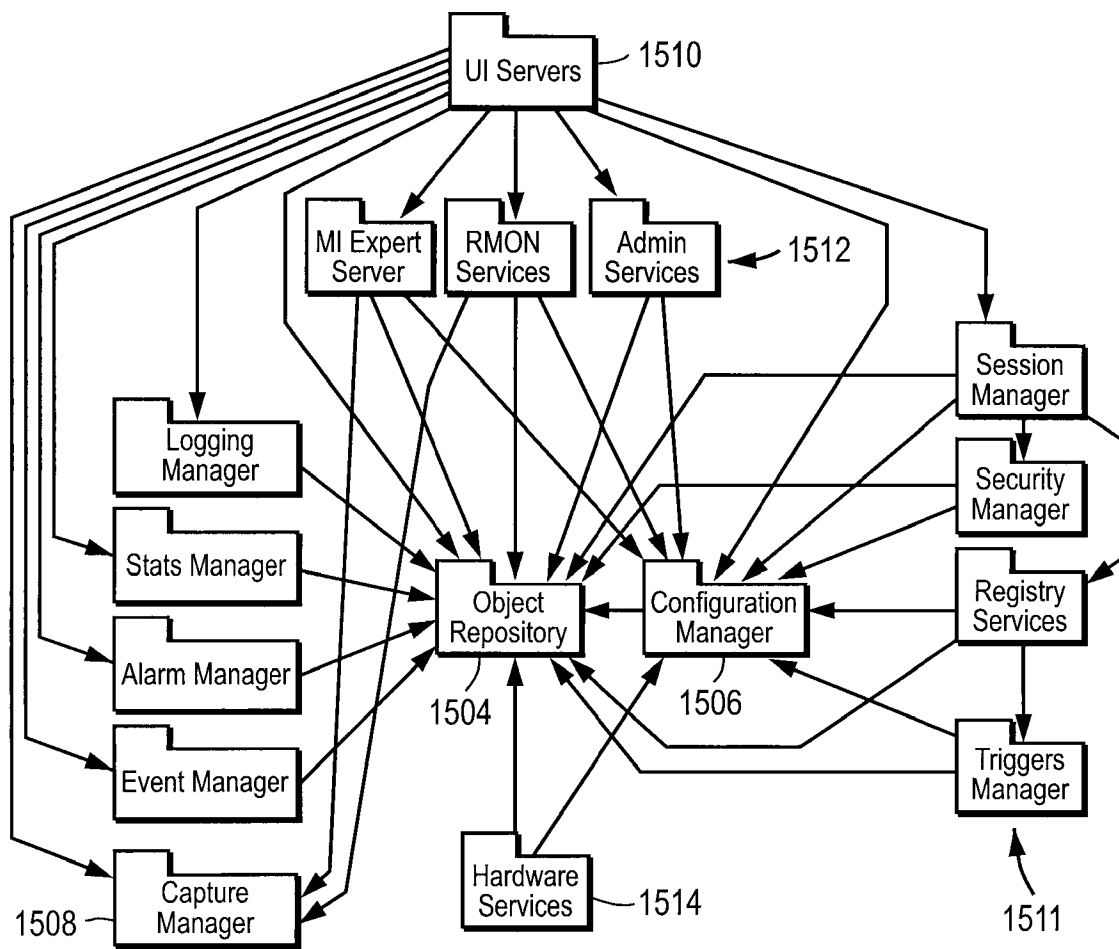


FIG. 15

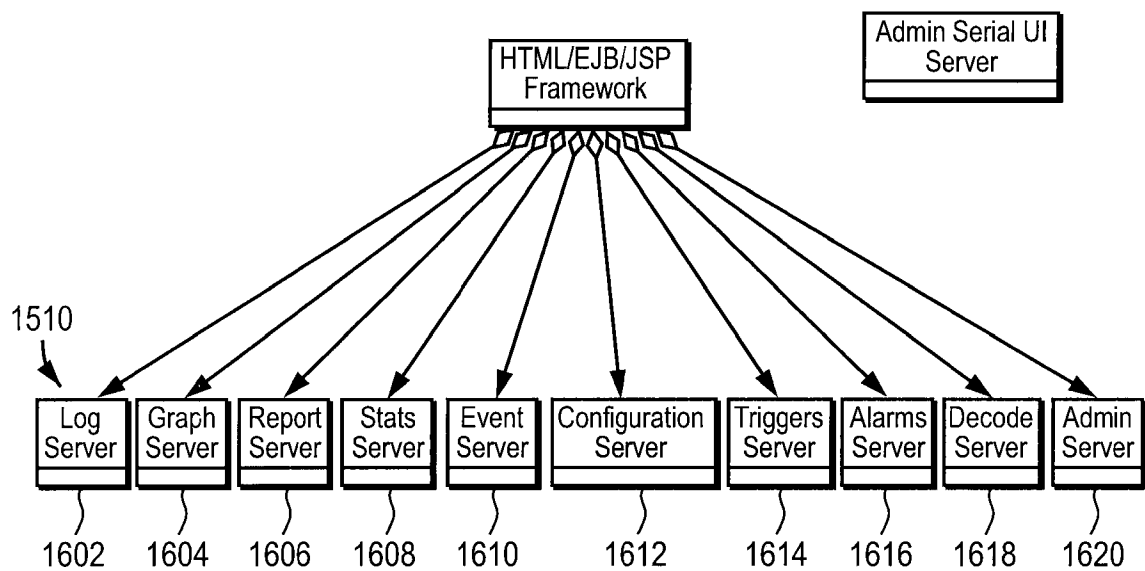


FIG. 16

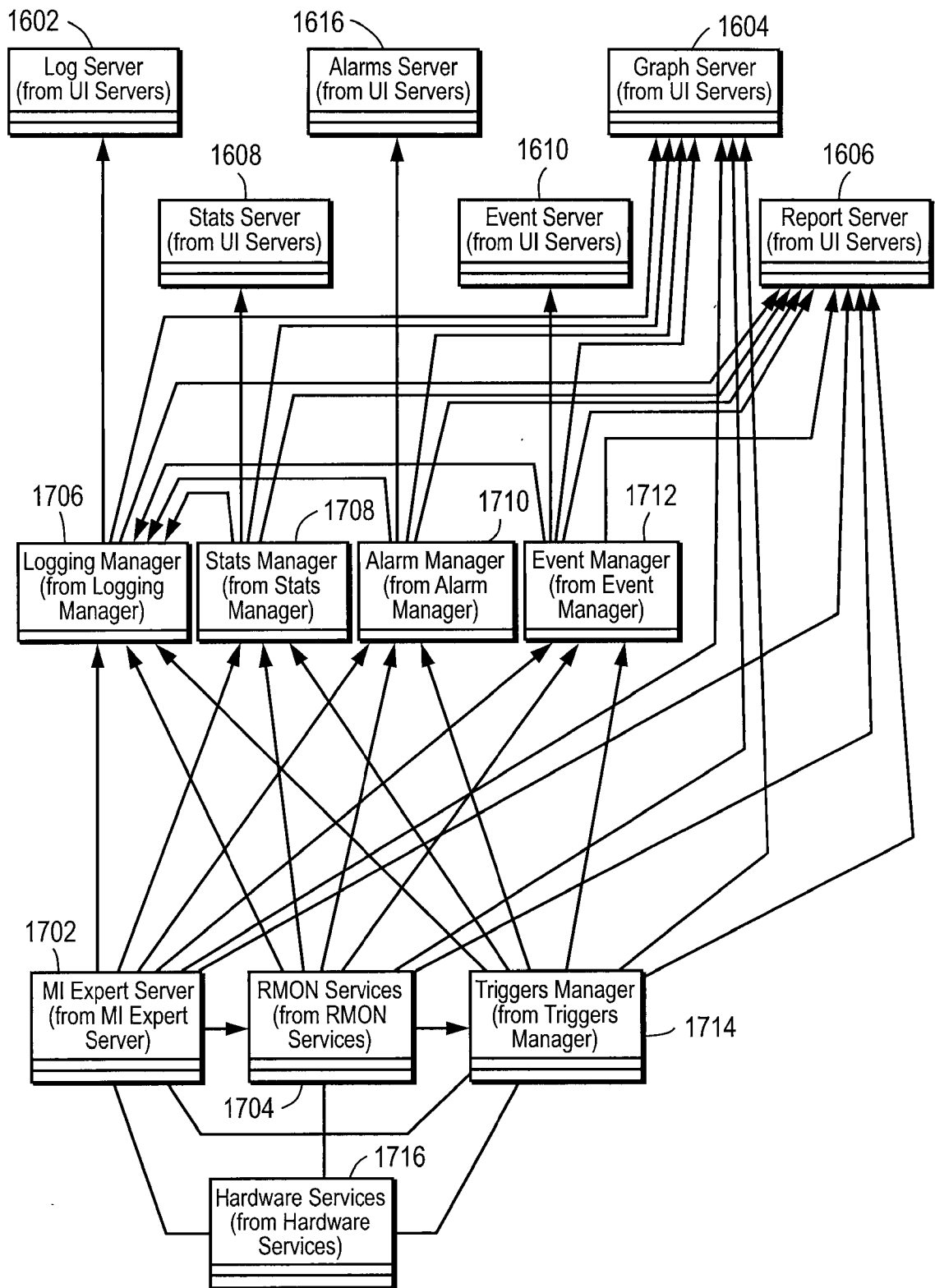


FIG. 17

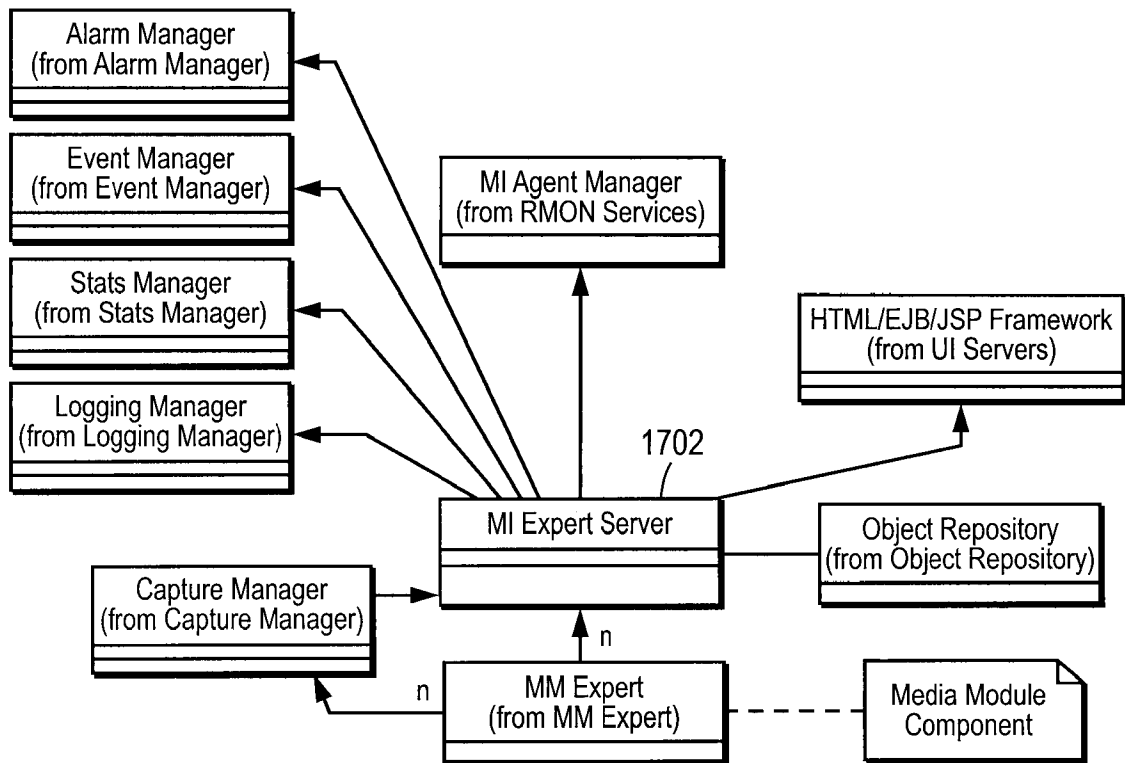


FIG. 18

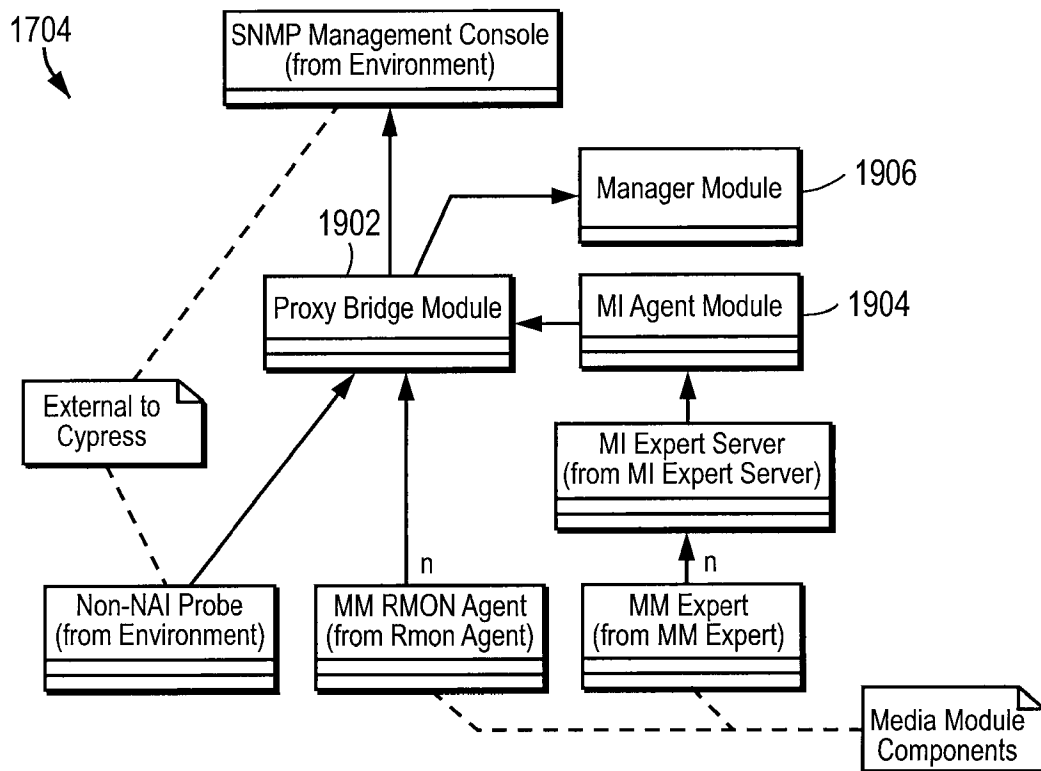


FIG. 19

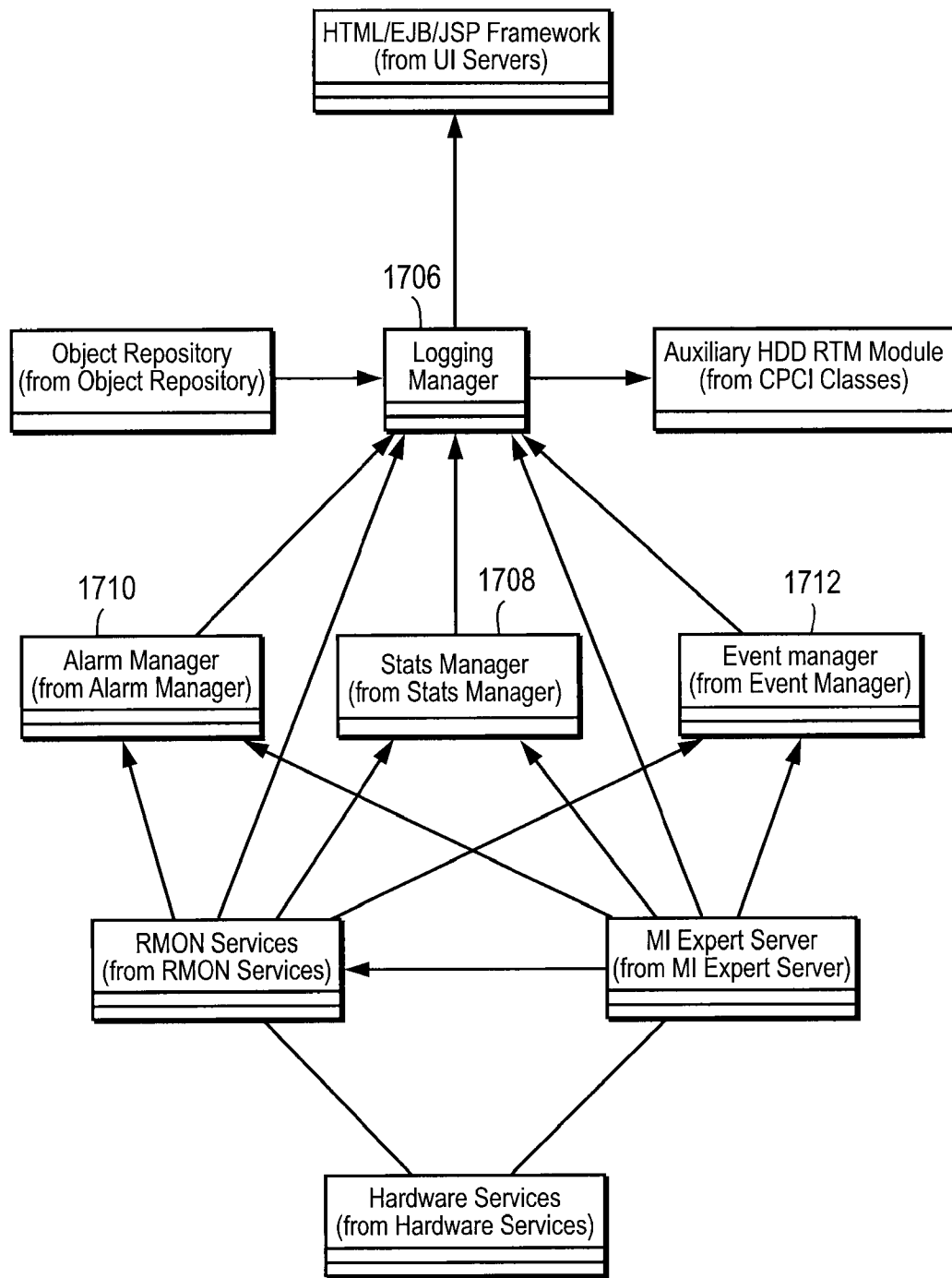


FIG. 20

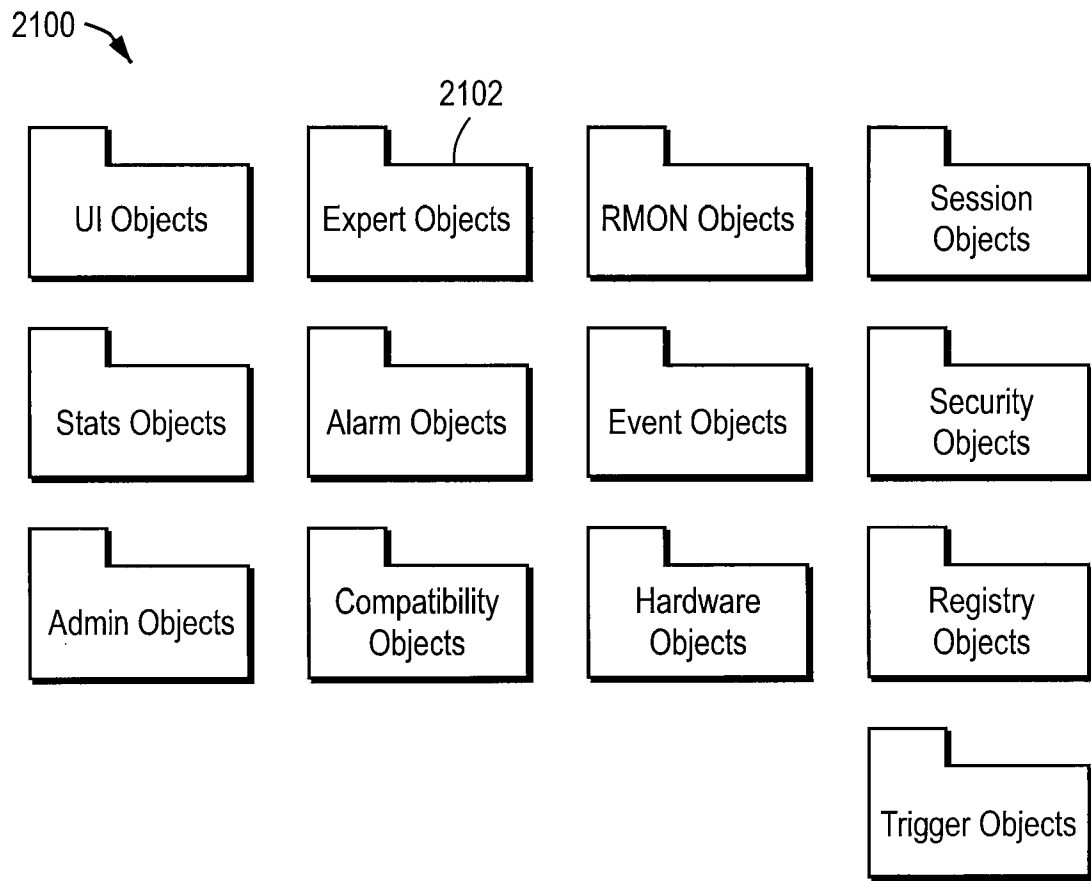


FIG. 21

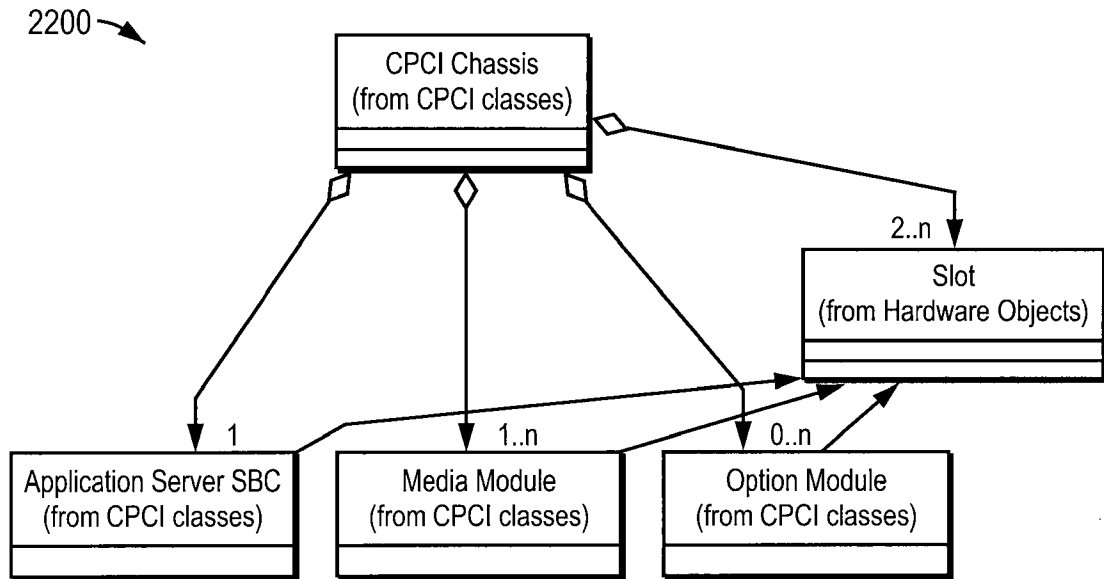


FIG. 22A

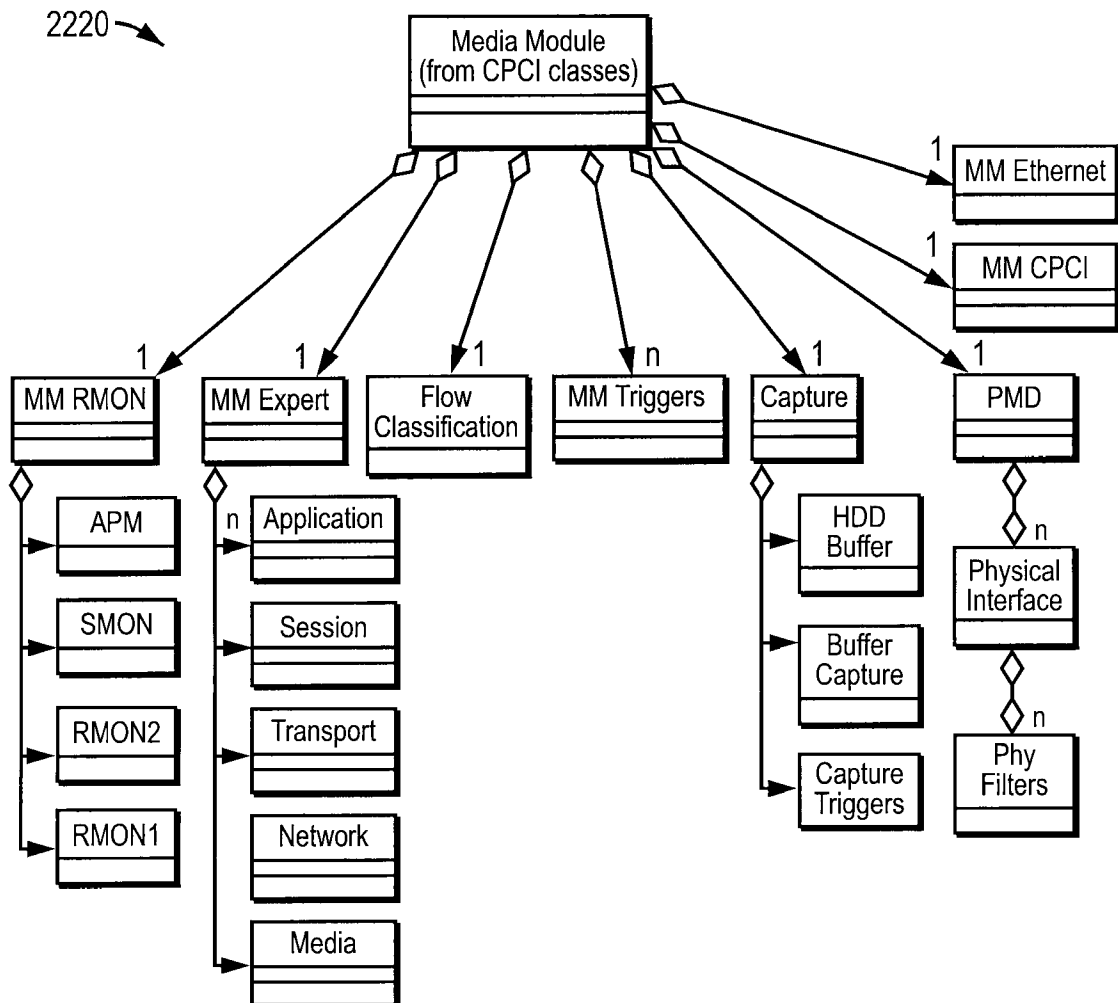


FIG. 22B

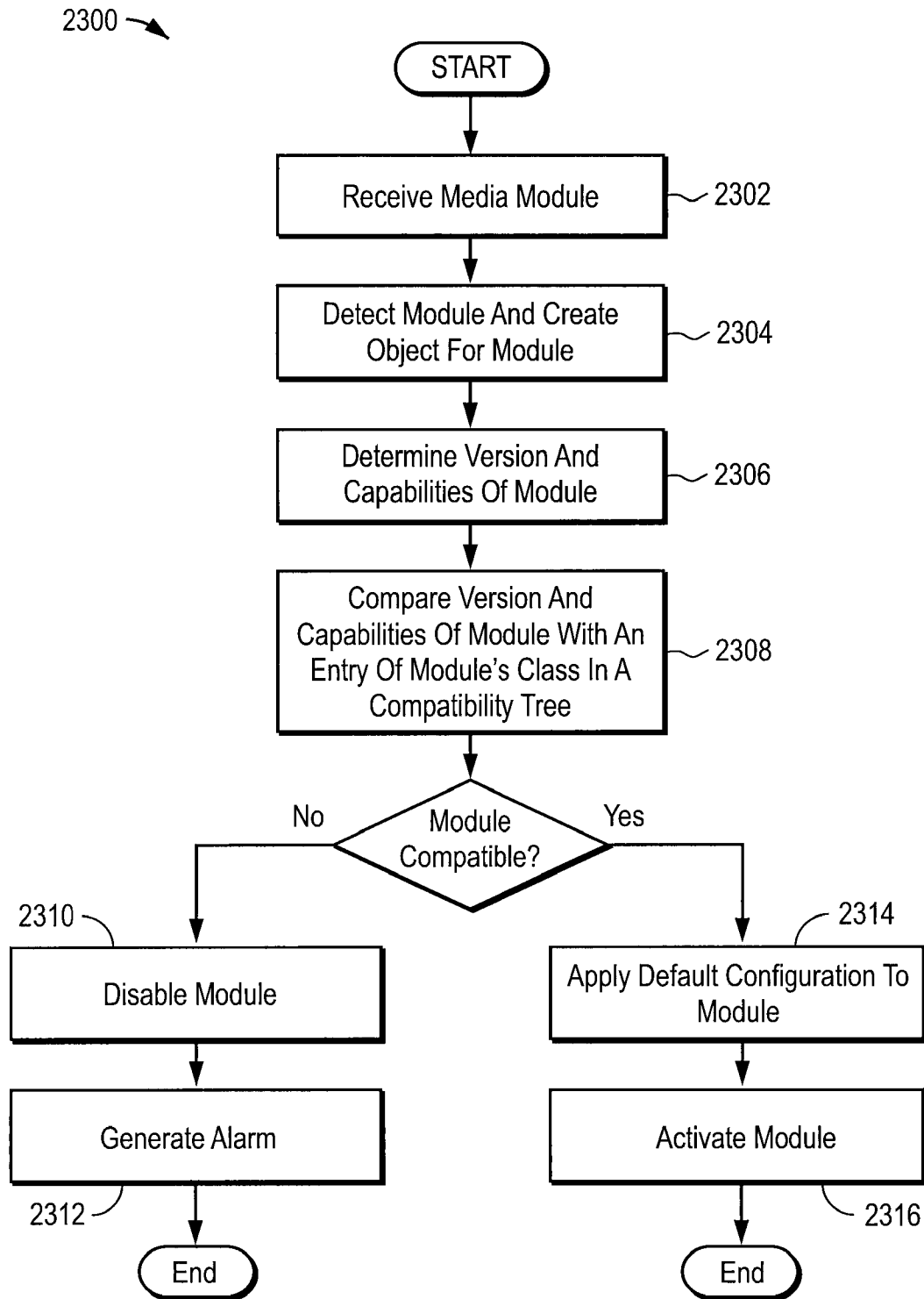


FIG. 23

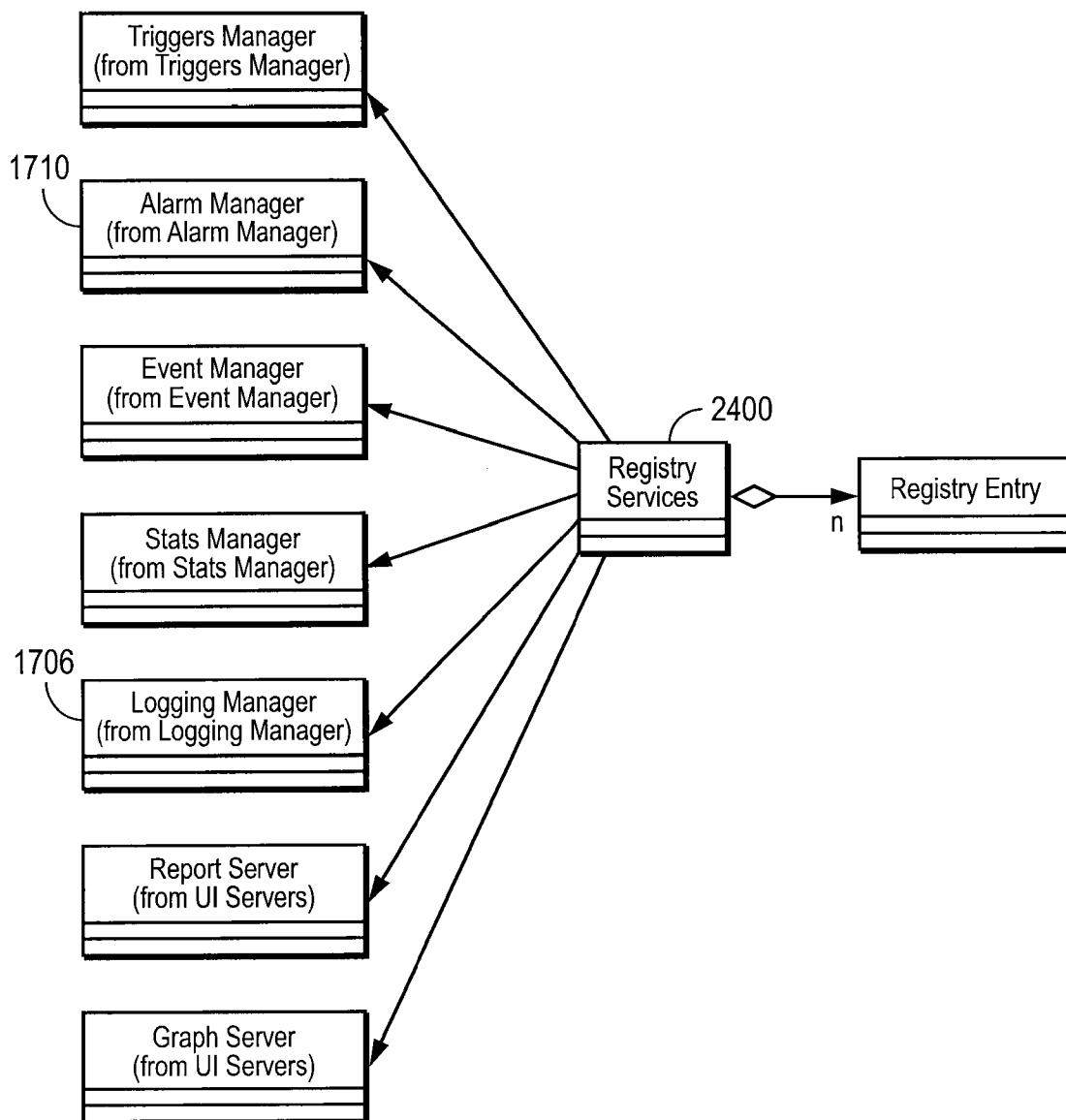
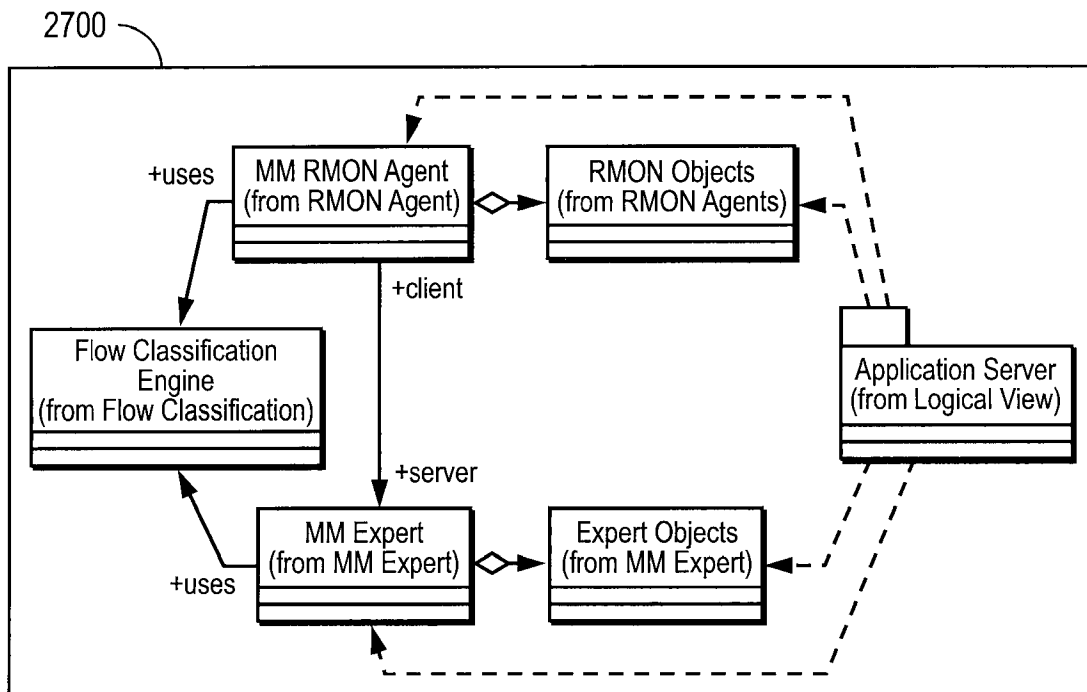
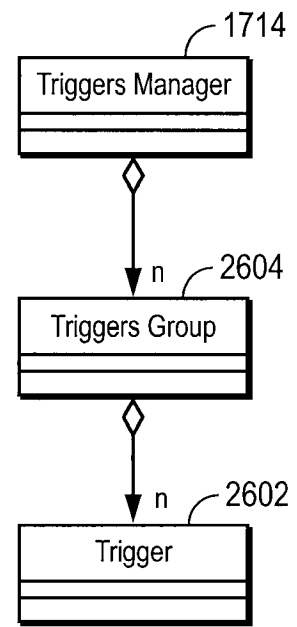
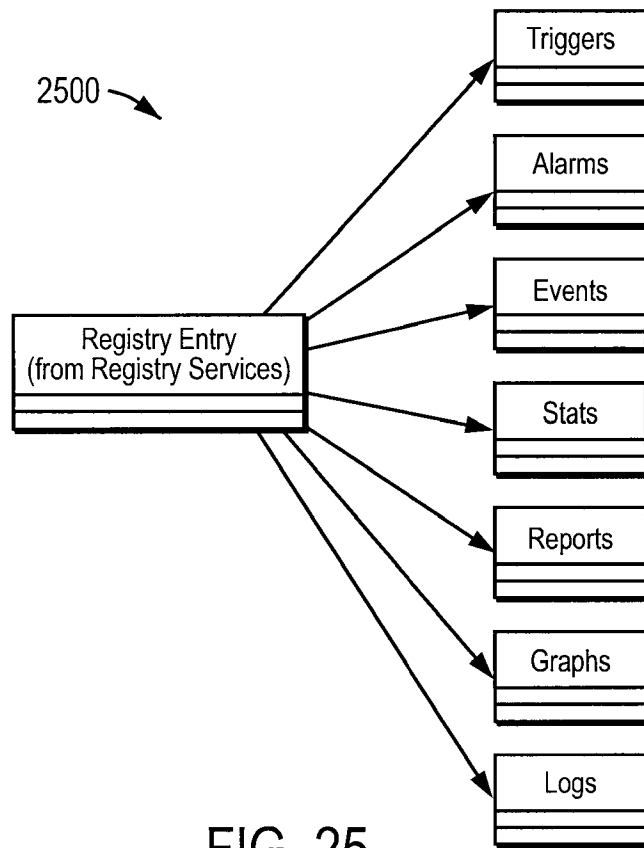
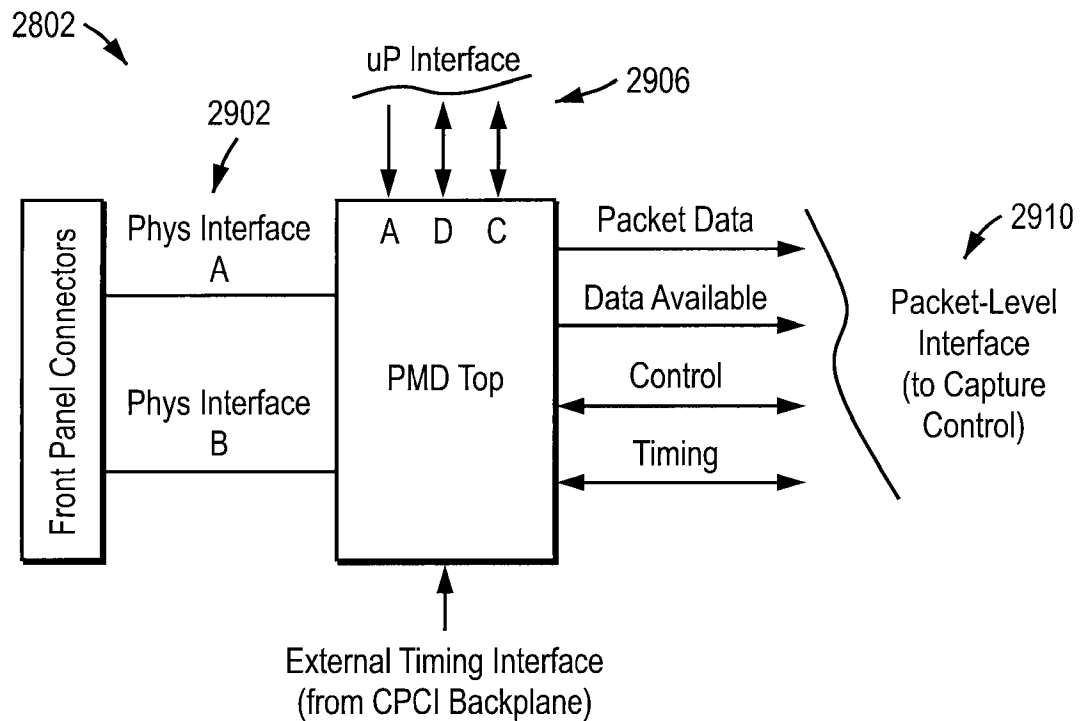
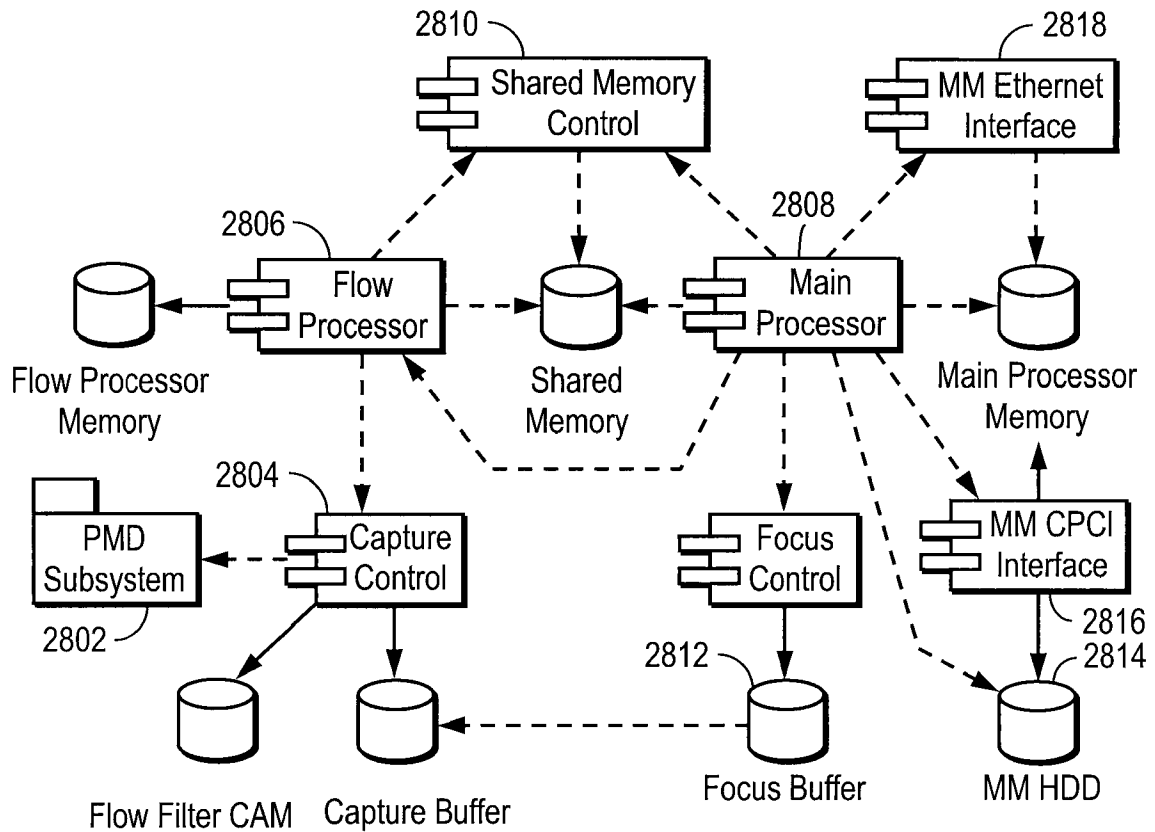


FIG. 24





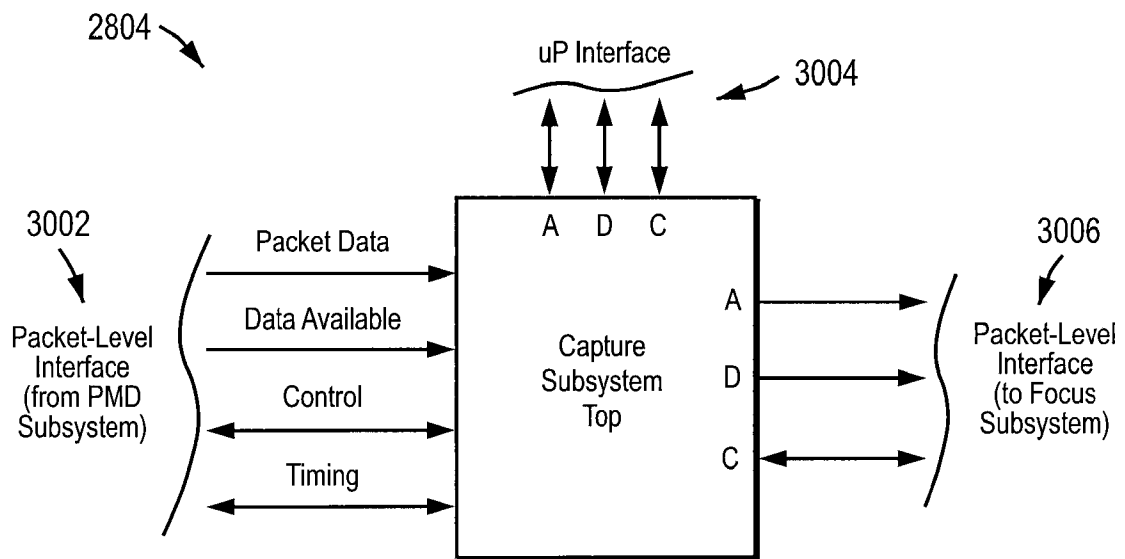


FIG. 30

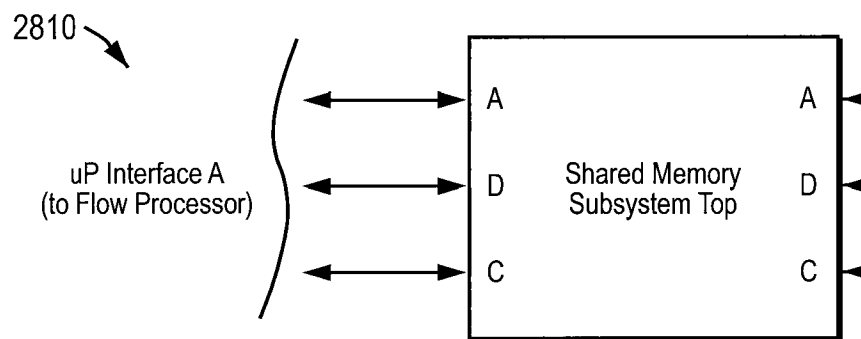


FIG. 31

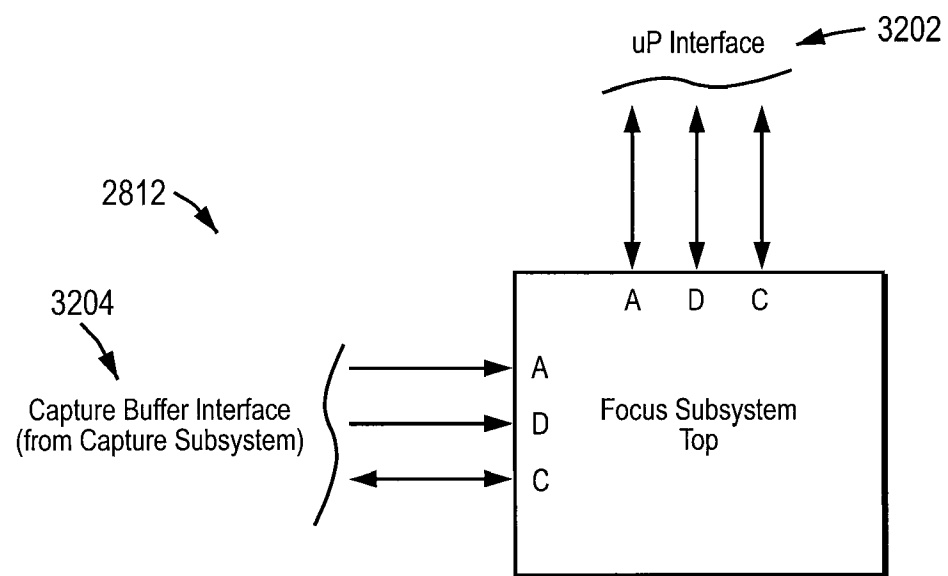


FIG. 32

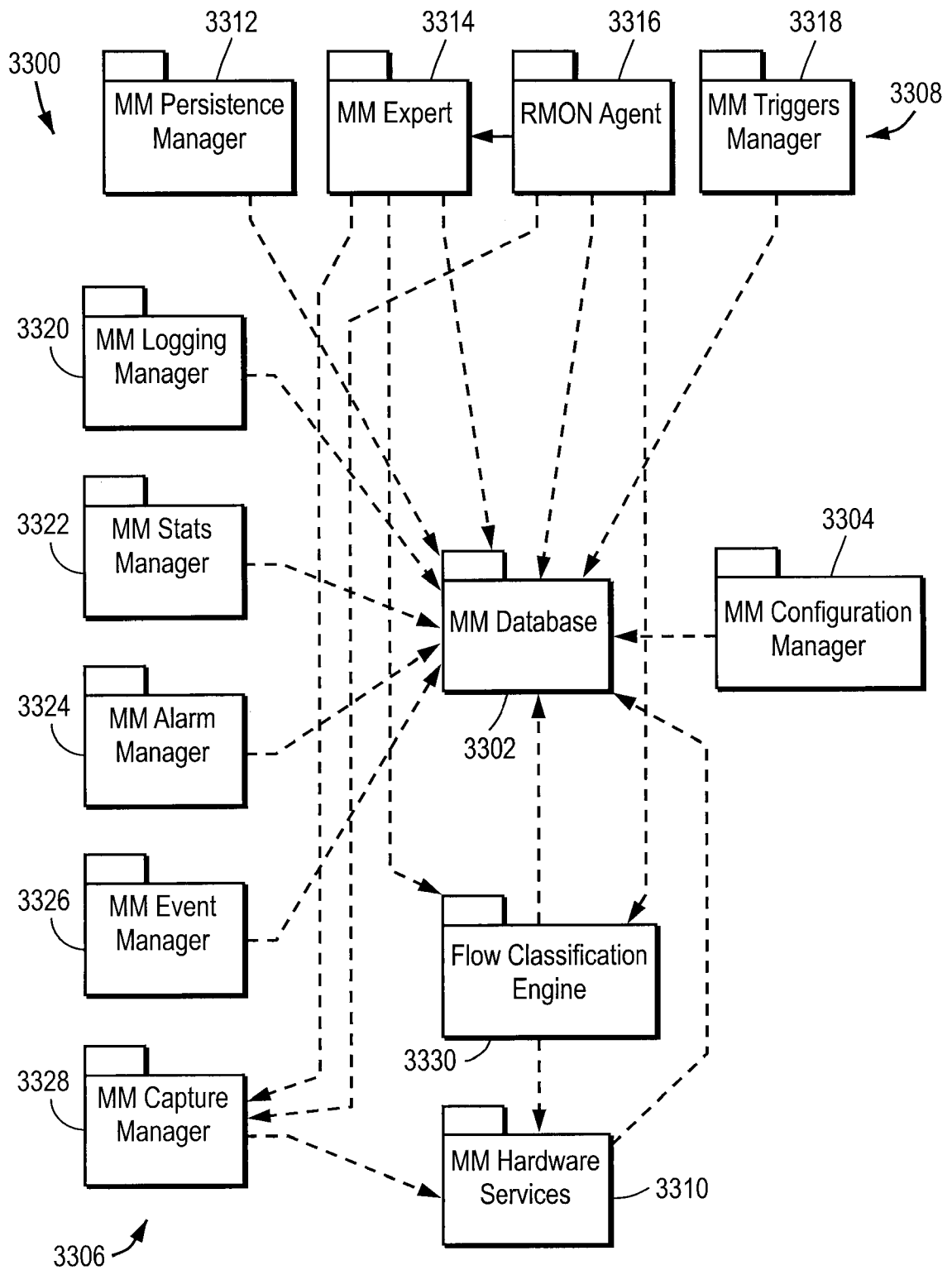


FIG. 33

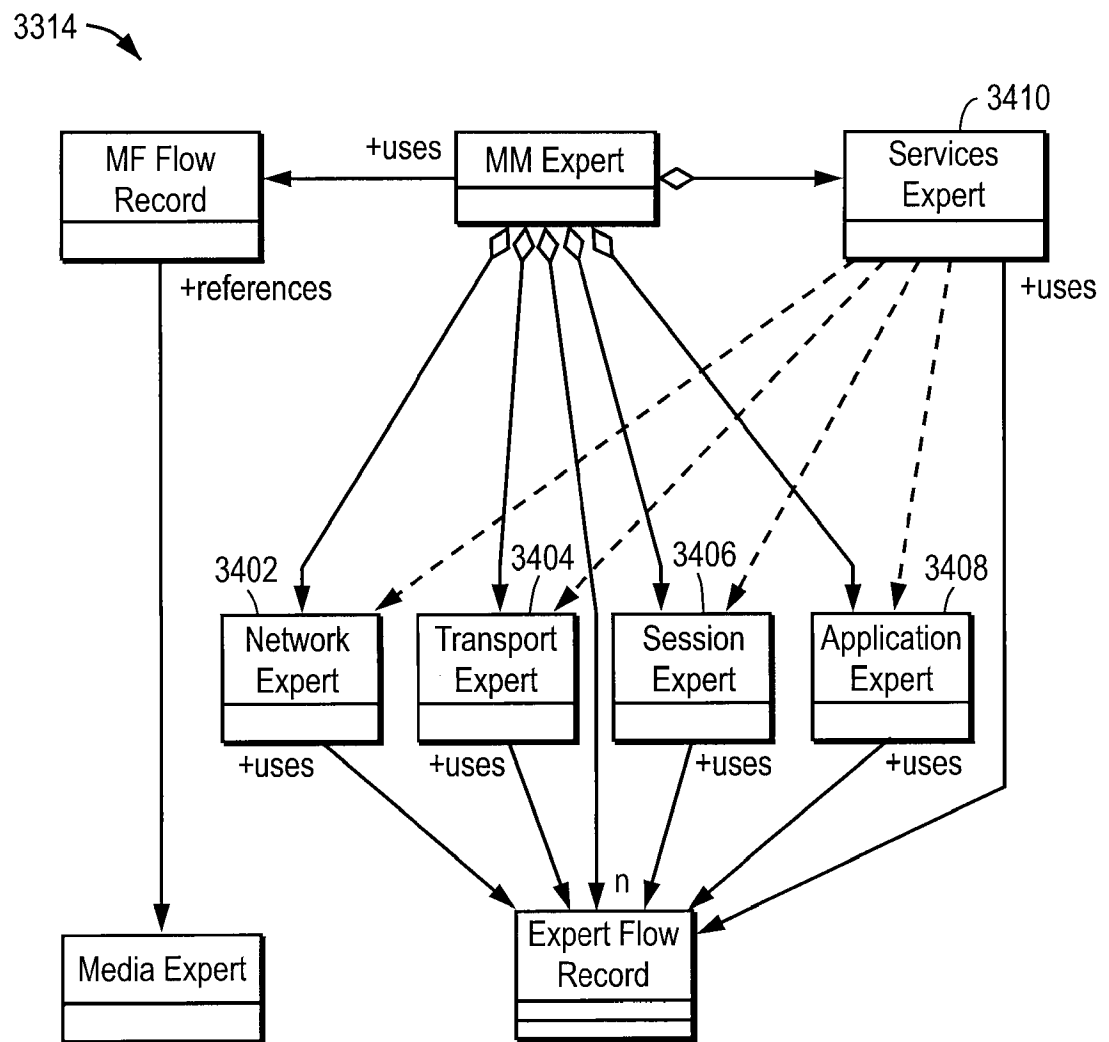


FIG. 34

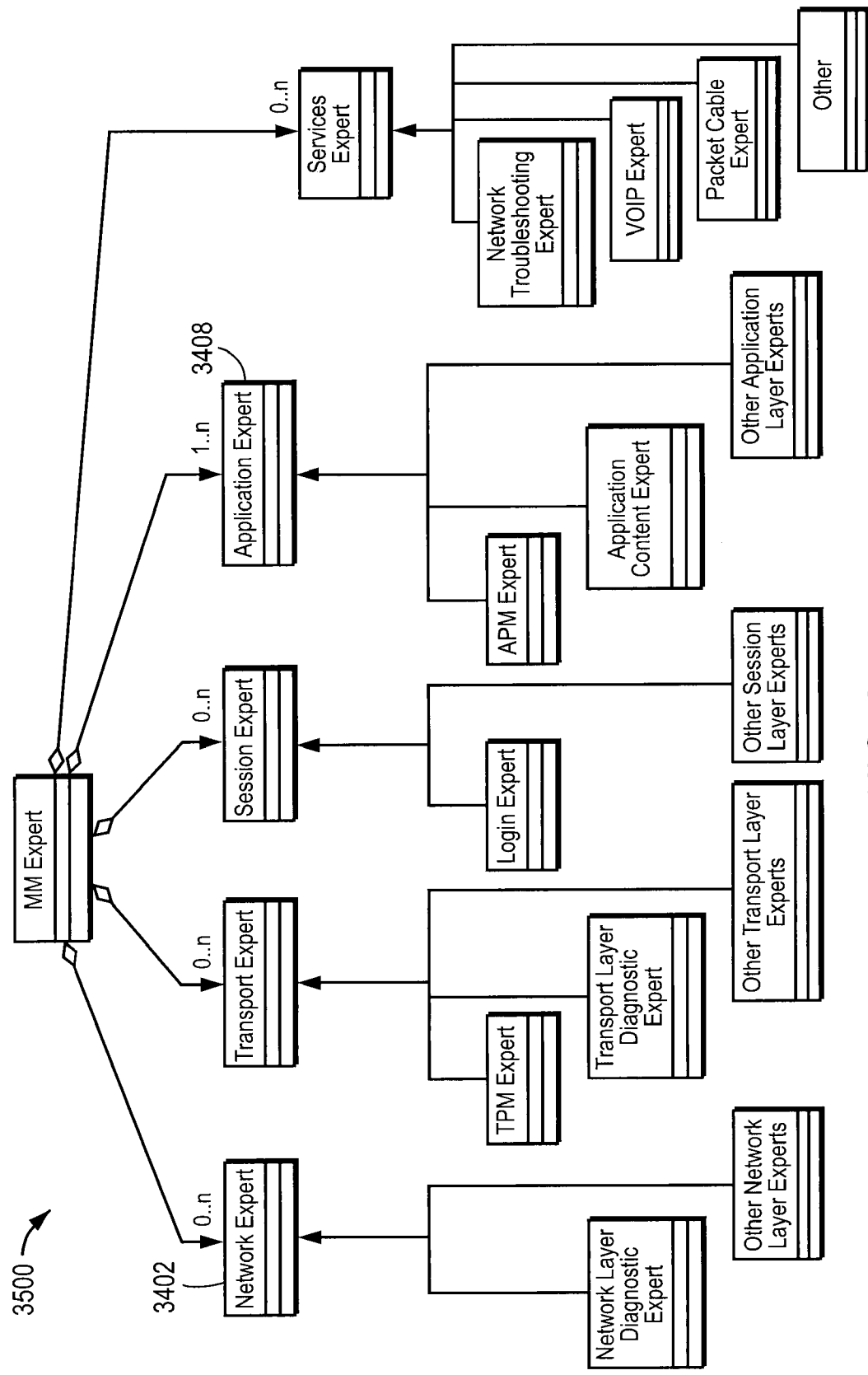


FIG. 35

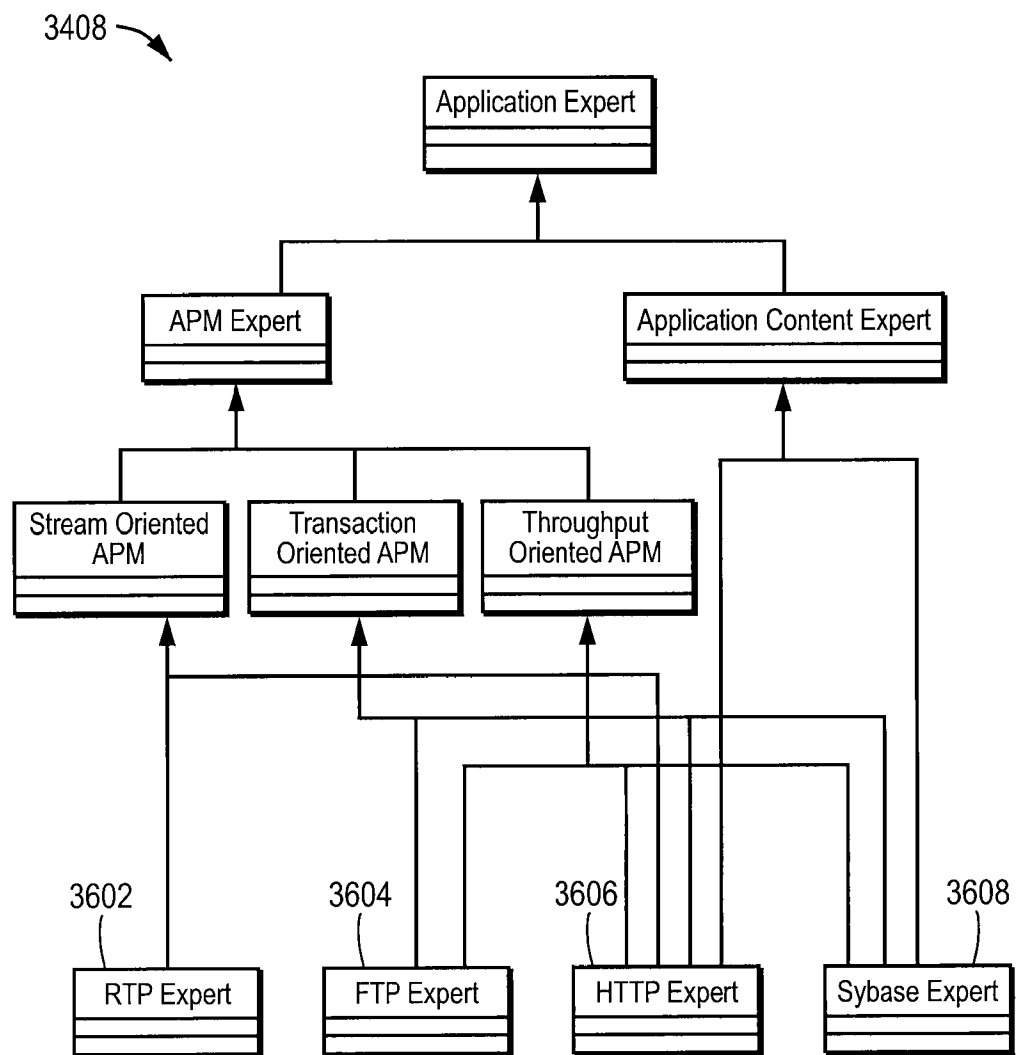


FIG. 36

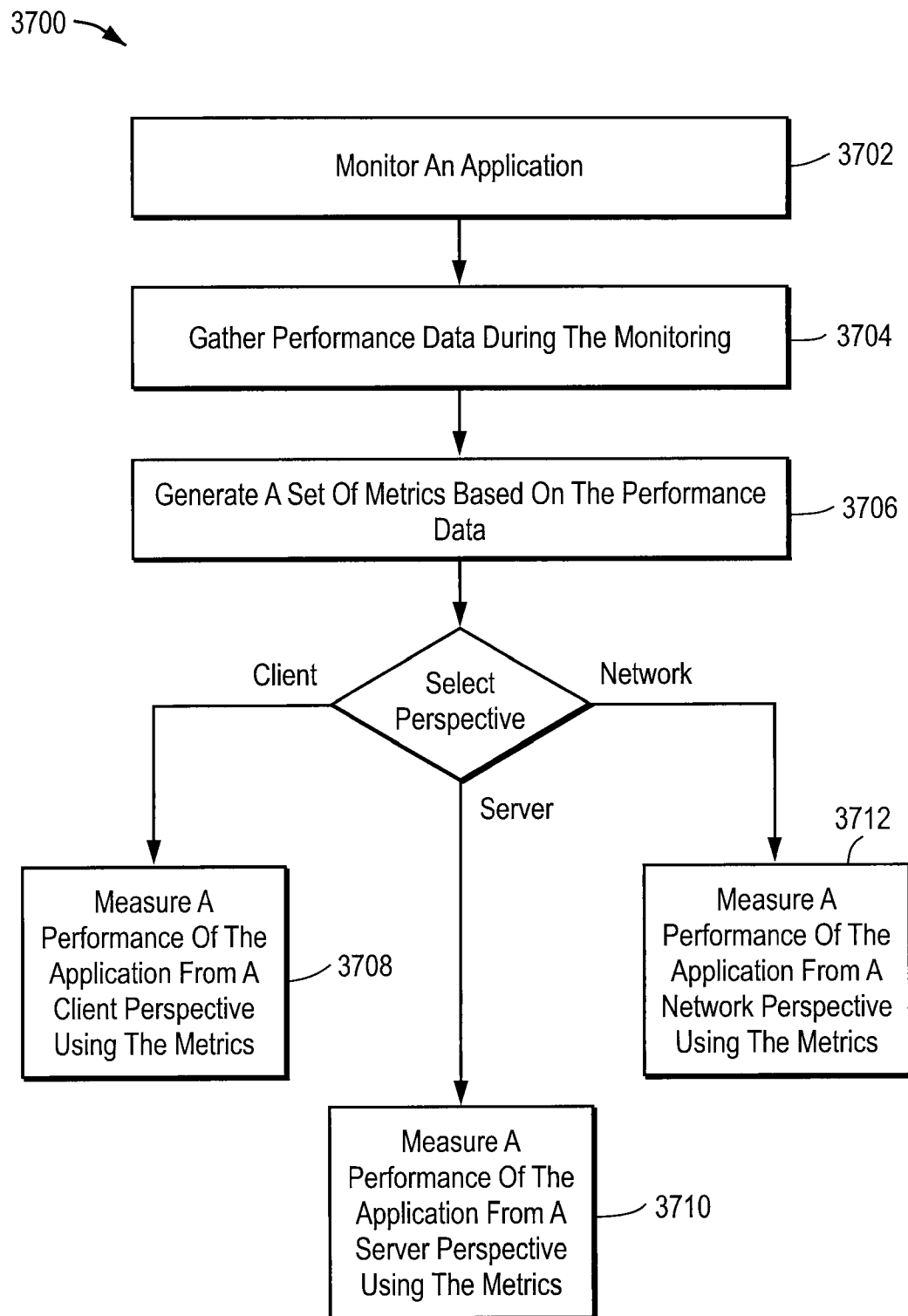


FIG. 37

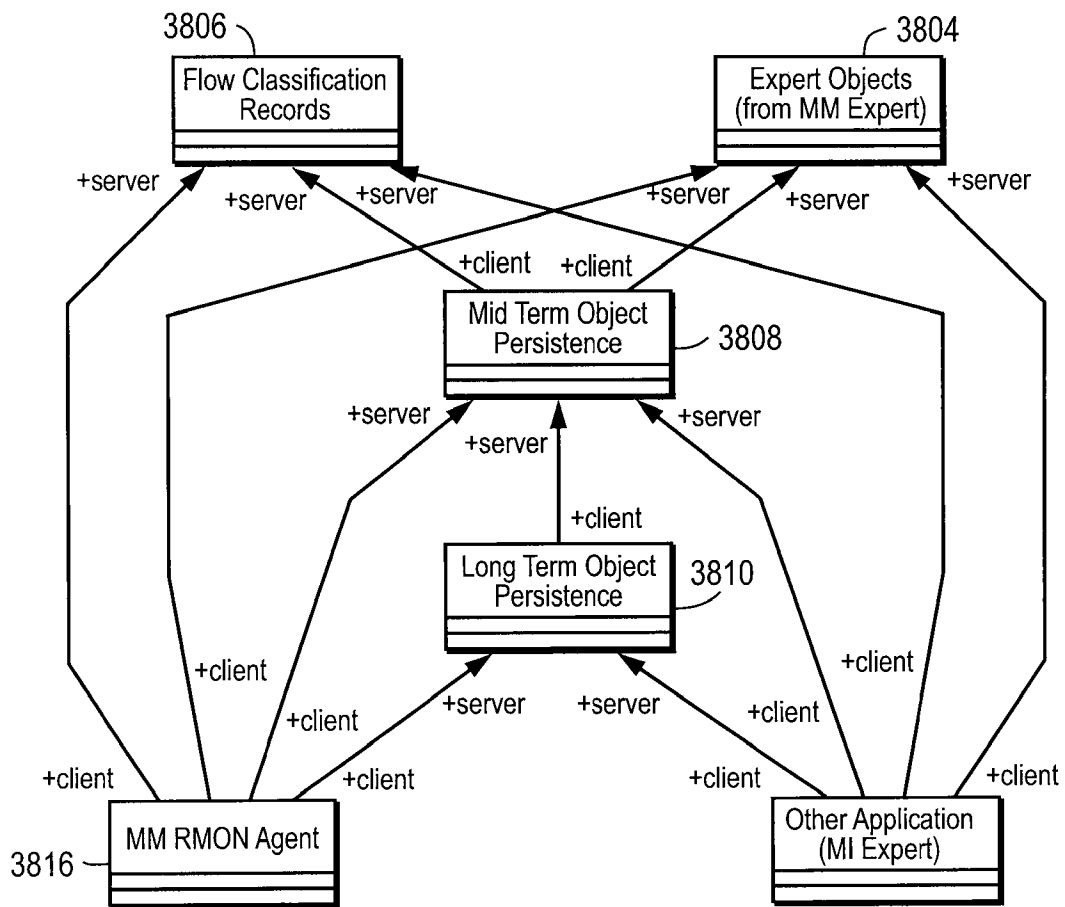


FIG. 38

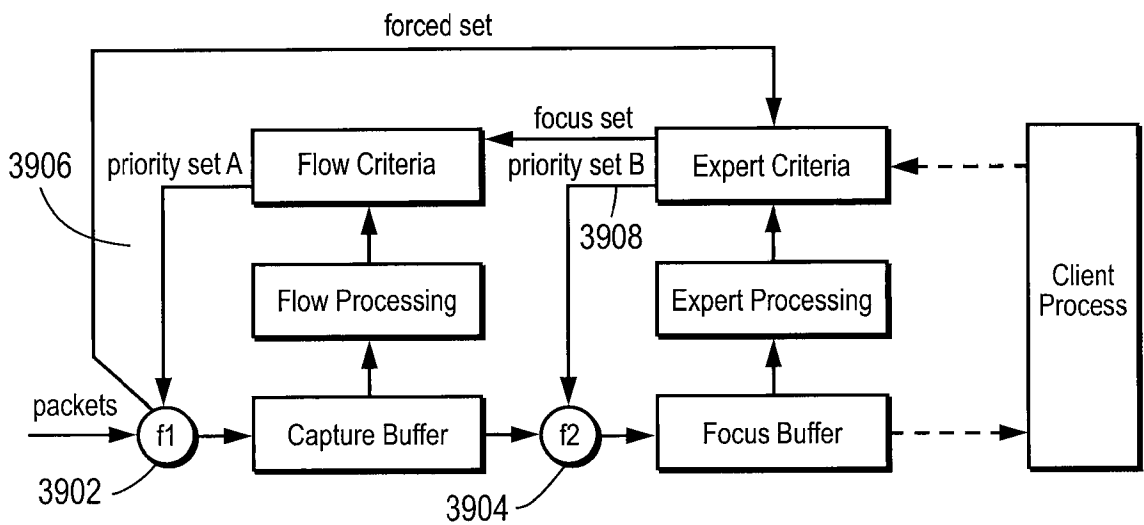


FIG. 39

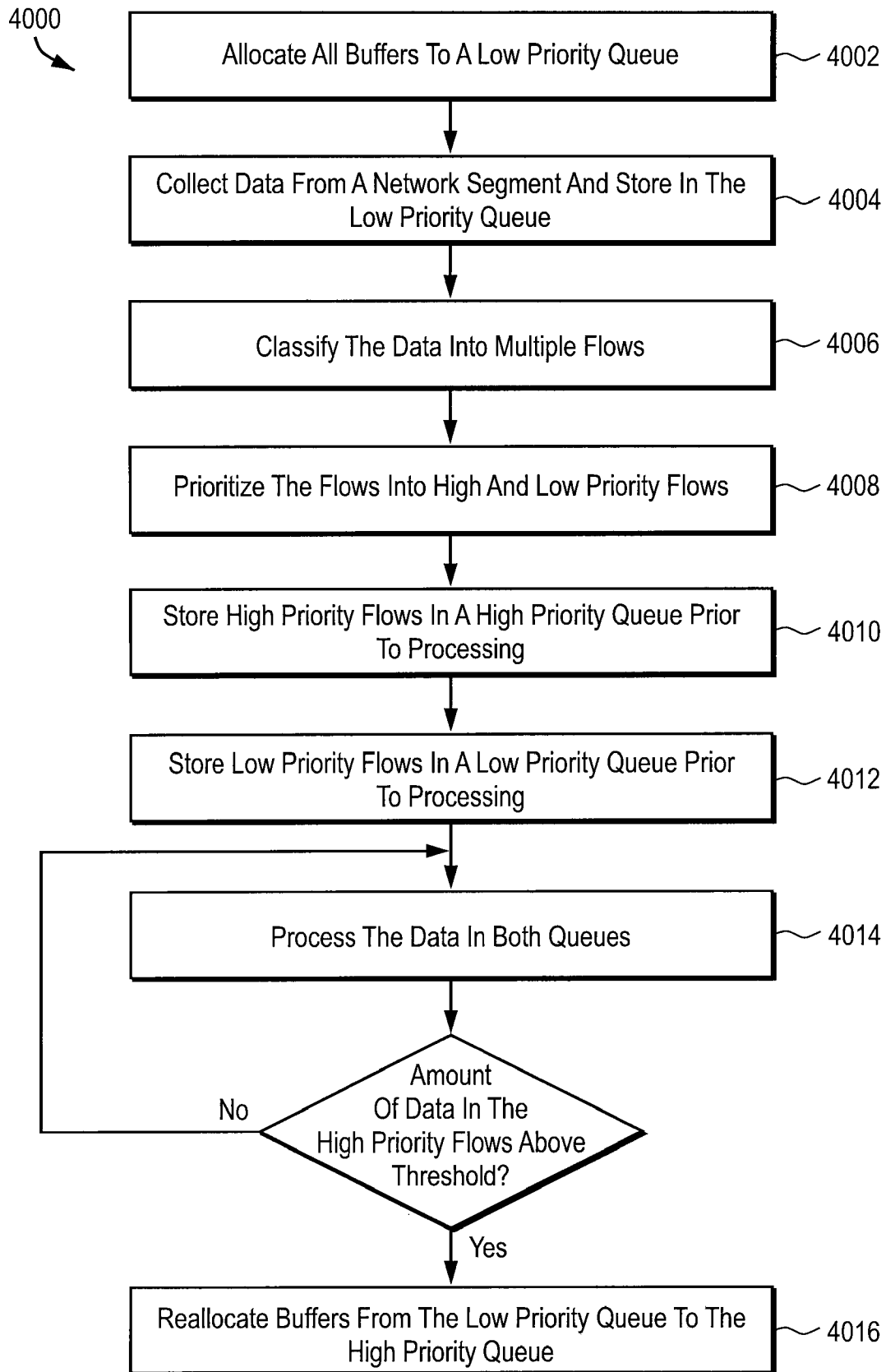


FIG. 40

LEGEND

- 1) Packet transferred to capture control
- 2) Address compared in CAM
- 3) If entry match: priority queue, else: normal queue
- 4) Notify flow process of entry
- 5) Flow proc retrieves pkt & classifies
- 6) Flow record updated in shared mem, expert include flag checked
- 7) If headroom, add addr to priority CAM
- 8) If expert include flag set in flow record, initiate DMA to focus buffer
- 9) Write parse descriptor to shared mem
- 10) Expert retrieves parse descriptor
- 11) Expert retrieves flow record
- 12) Expert retrieves packet from focus buf
- 13) Expert builds/updates object(s)
- 14) Expert sets include flaf in flow record (if interesting)
- 15) Object is persisted, packet is prepended and persis
- 16) Event/object descriptor built for app svr (optional)
- 17) Descriptor retrieved by app svr (optional)
- 18) Objects or packet are retrieved by app svr (optional)

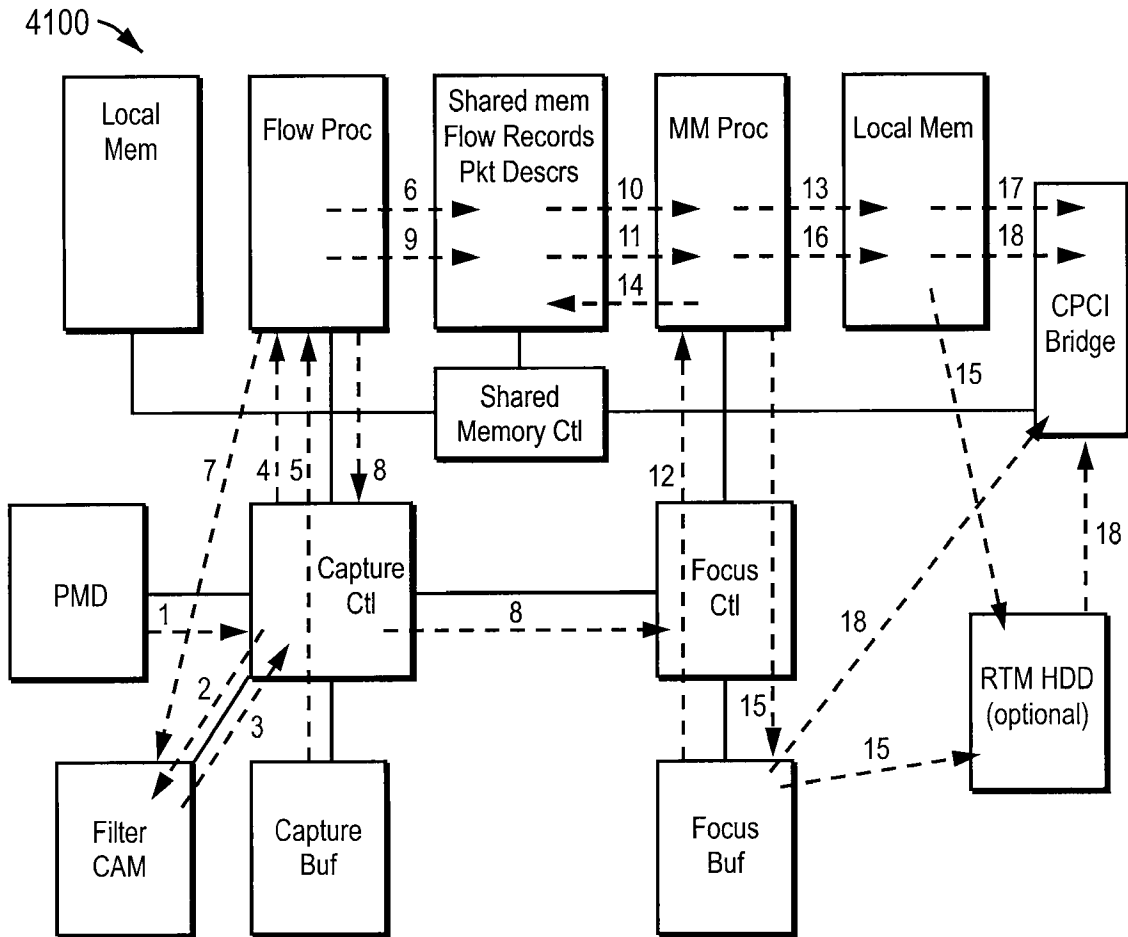


FIG. 41

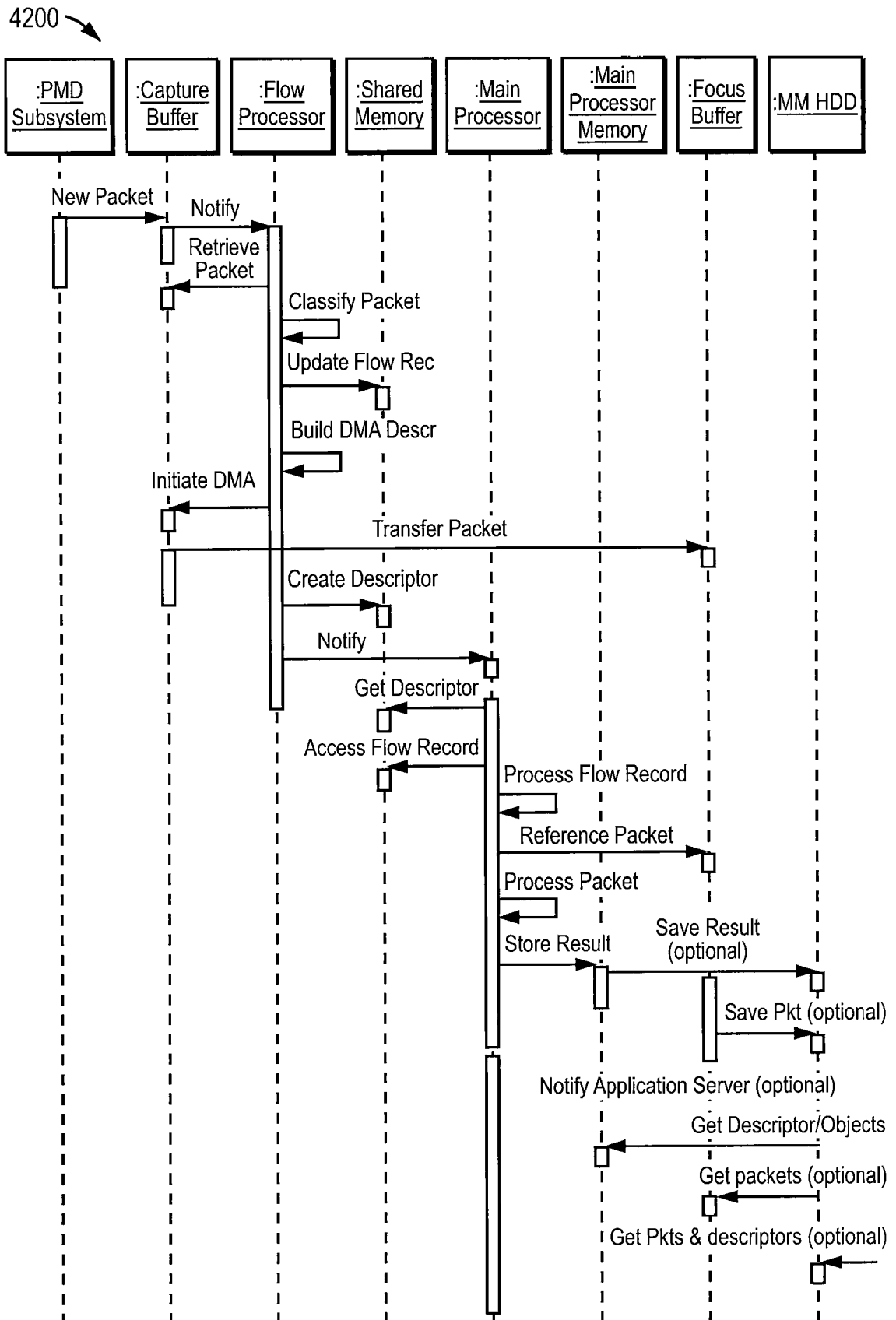


FIG. 42